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By authority of Joint Chiefs of Staff (Action 15 Apr 49)
By John Beggs Capt. Date 24 Aug 54
AFSWP

U.S.S. INDEPENDENCE (CVL22)

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VOLUME 3 OF 4

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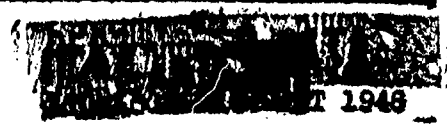
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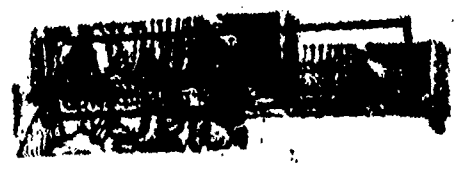
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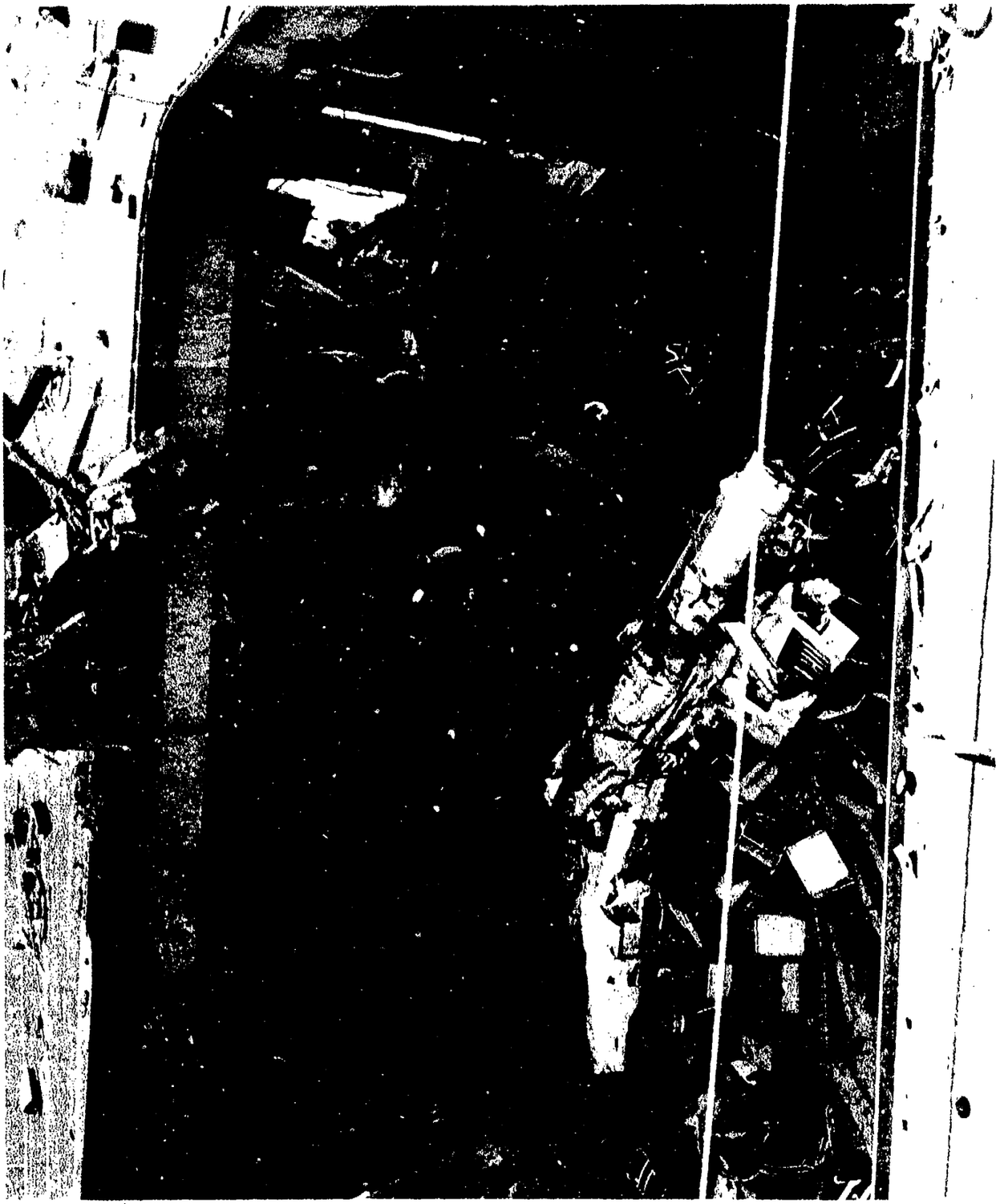
Page 251 of 766 Pages

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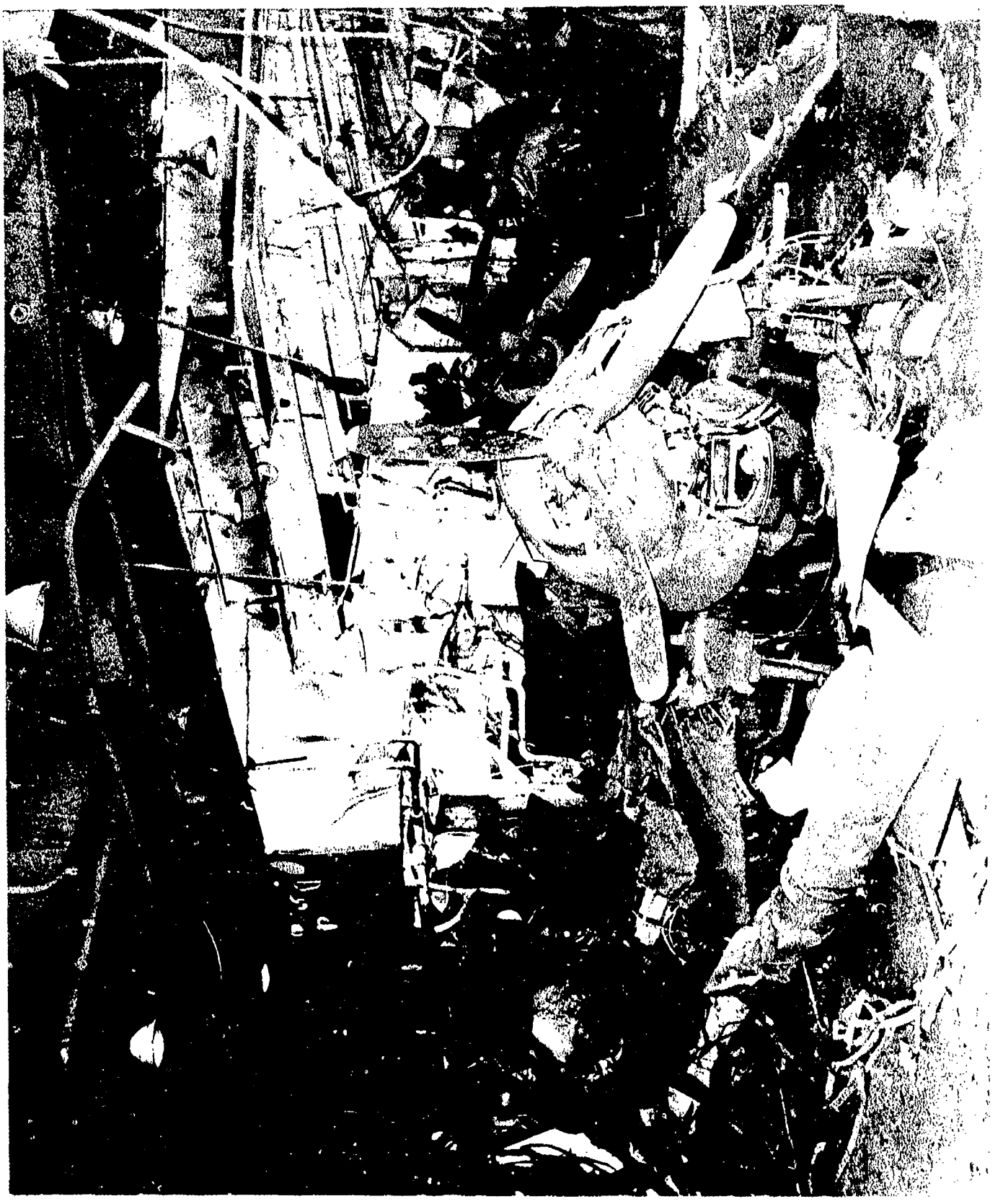
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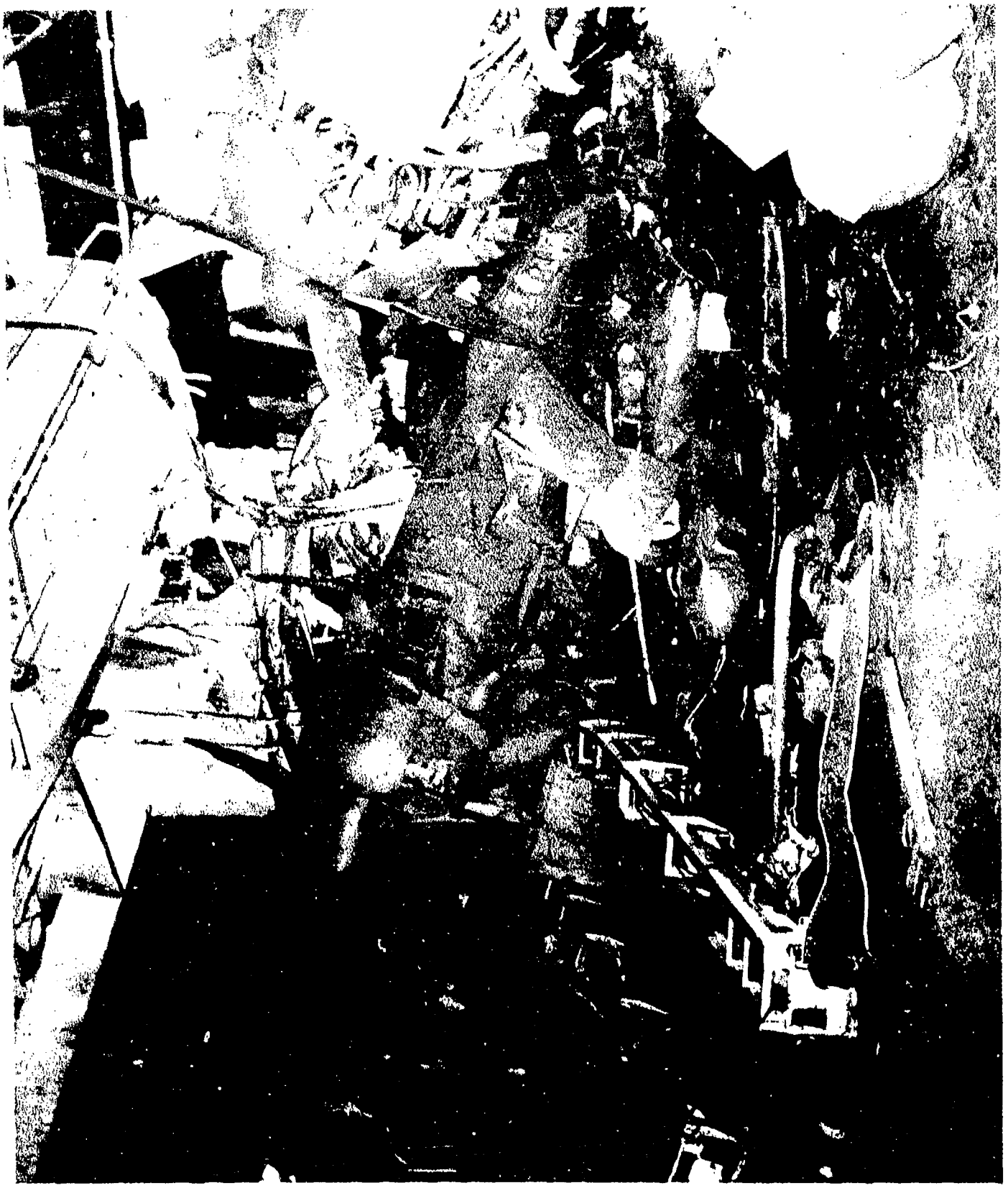
AA-CR-175-2039-3. View into hangar through forward elevator opening.



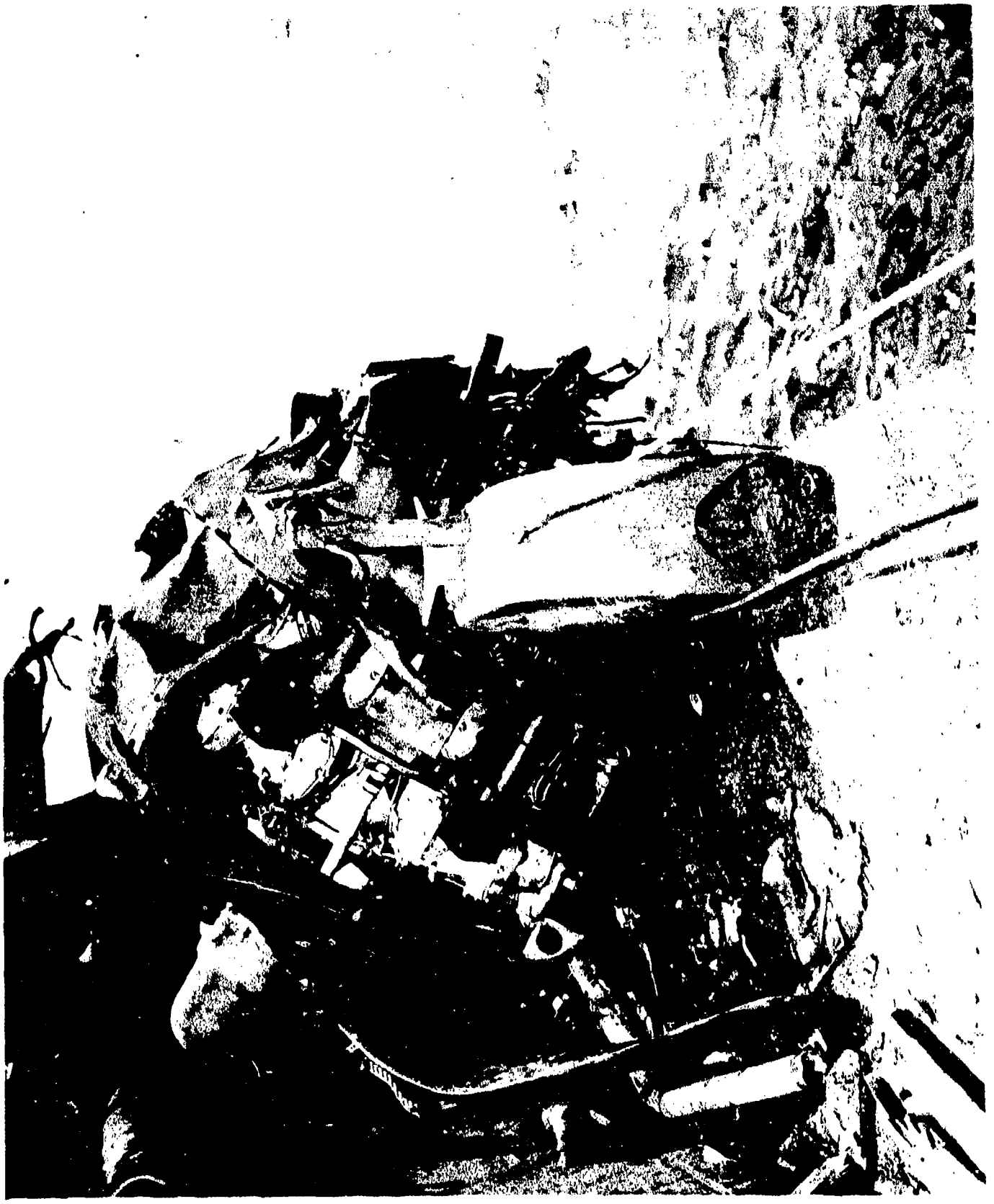
AA-CR-175-2039-9. View showing plane in forward elevator pit, looking aft and to port.



AA-CR-175-2037-3. General view of flight deck. Looking aft and to starboard from Bent 56.



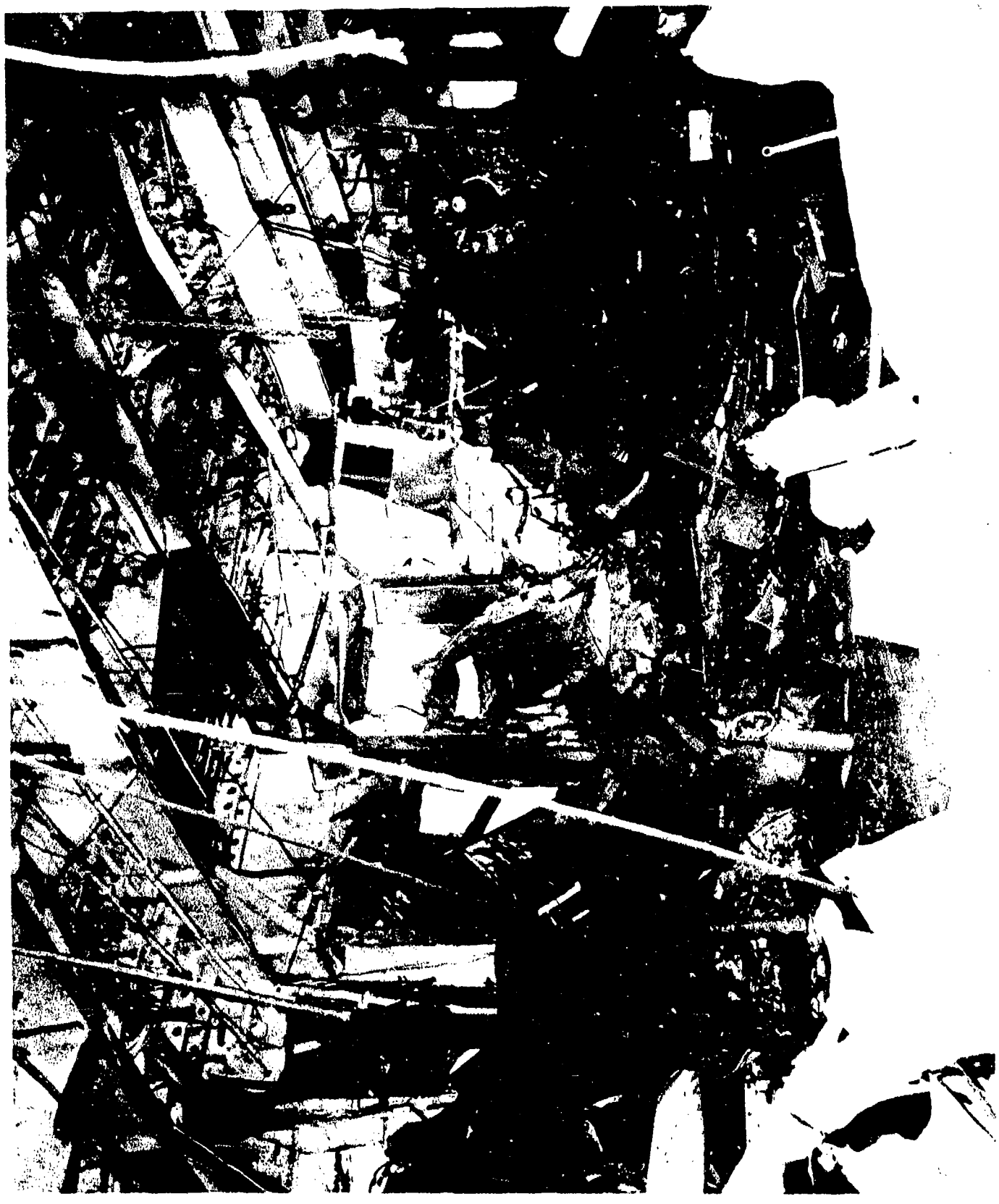
AA-CR-175-2037-5. General view of hangar deck, looking to starboard and forward from Bent 80.



AA-CR-175-2039-6. Airplane engine blown from hangar to top of port blister. Looking aft. Chock is at frame 79.



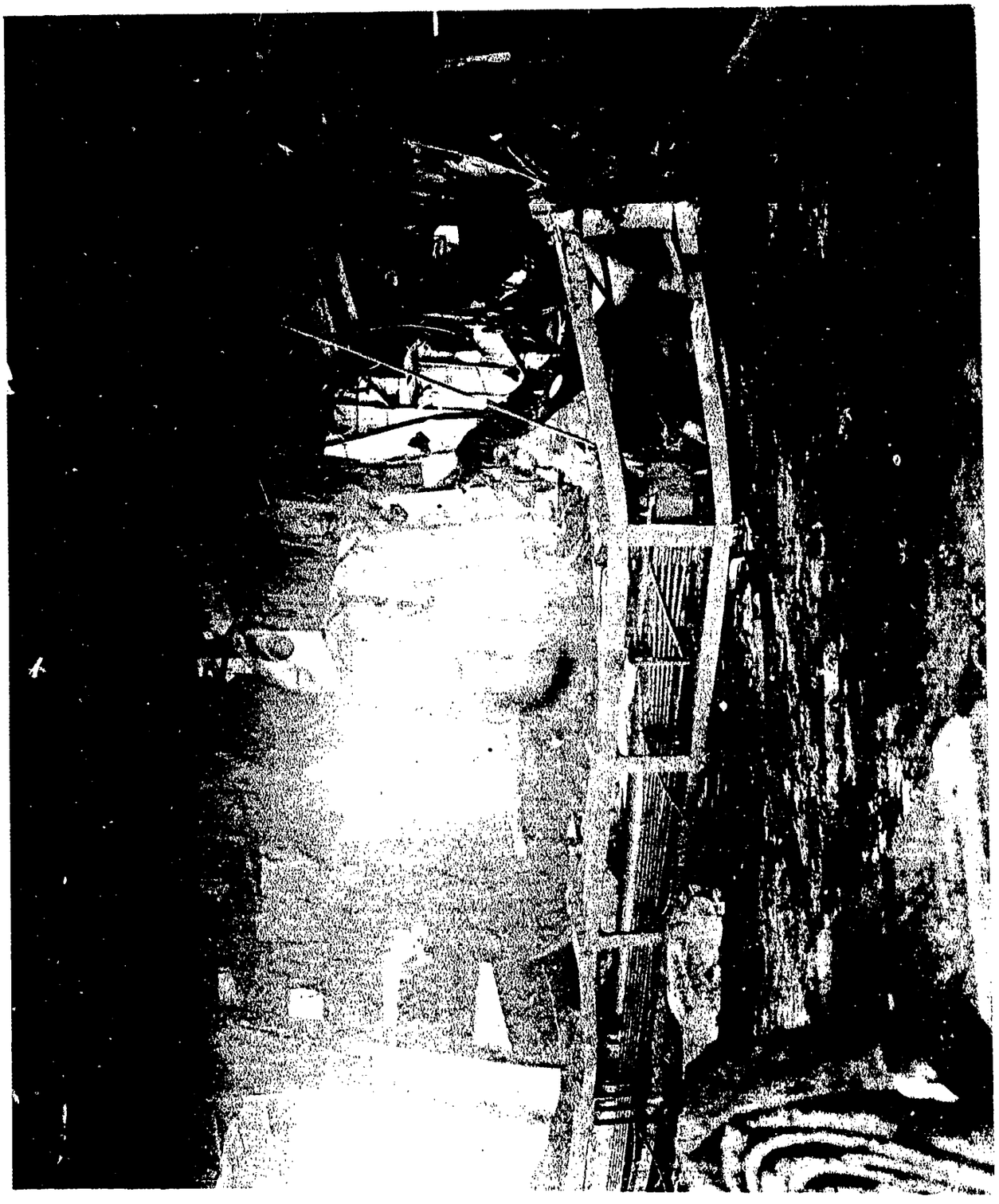
AA-CR-65-1736-5. General view of hangar, starboard side, inboard of Bent 65.



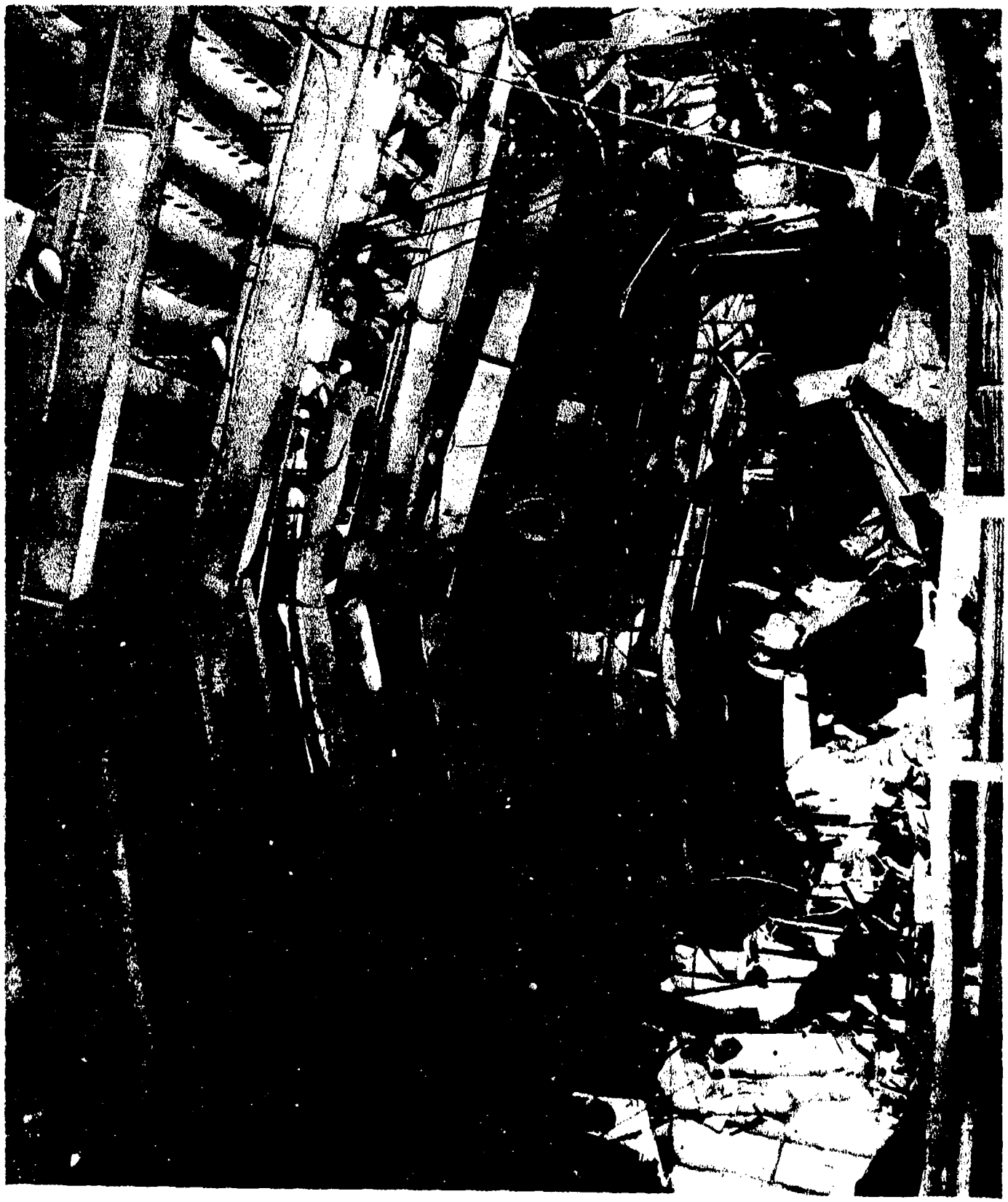
AA-CR-175-2037-6. Hanger-General view looking to starboard and aft from Bent 80.



AA-CR-175-2132-5. Hangar. General view, starboard side, Bents 80 to 89. Remains of uptakes 3 and 4 visible.



AA-CR-175-2037-11. General view of hangar looking forward and to port. Note opening along port side where side panels have been blown in.



AA-CR-175-2037-8. General view of hangar, looking forward from frame 107. Before cleanup.



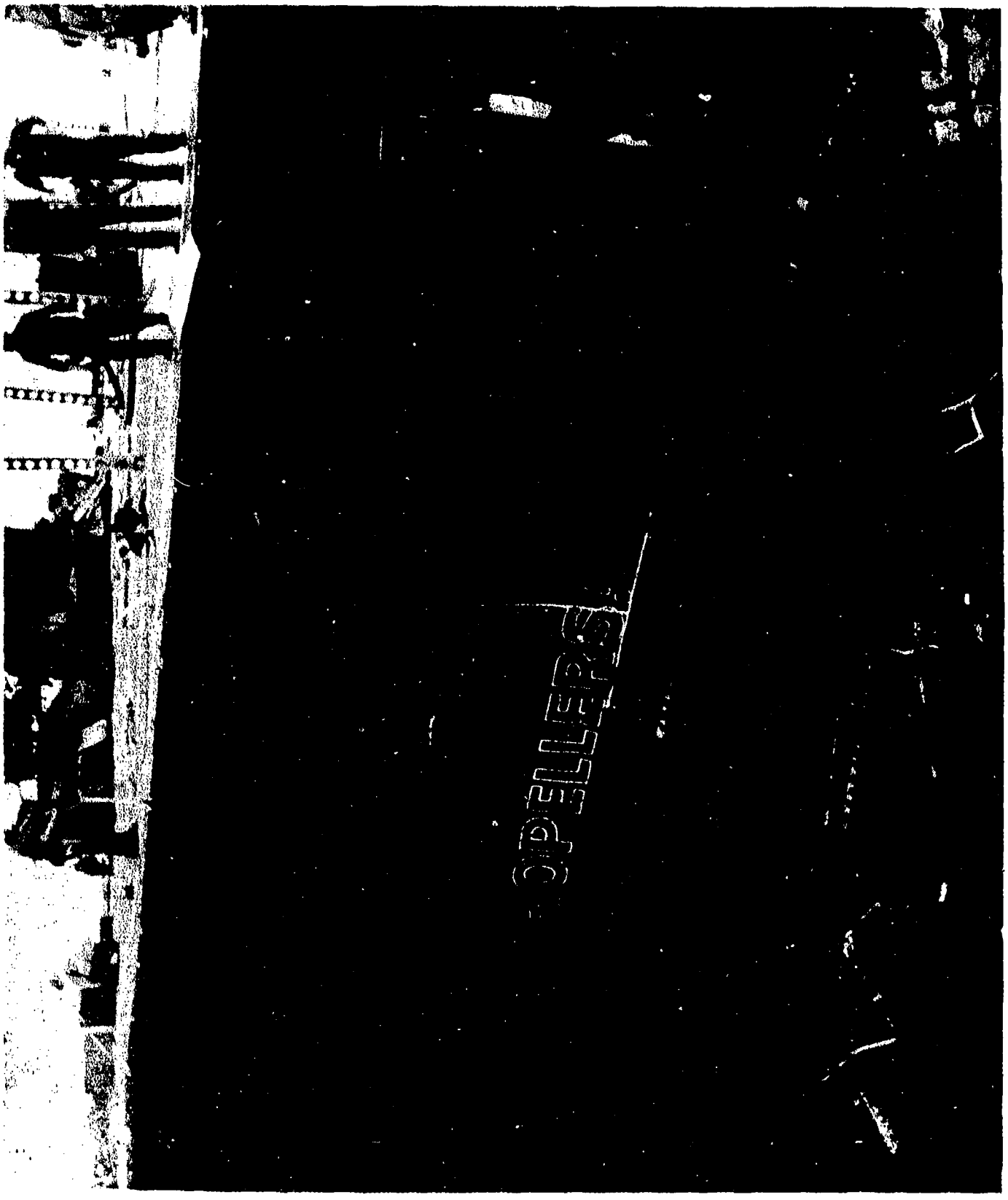
AA-CR-175-2037-10. General view of hangar and flight deck bents, aft of bent 110. Looking aft and to port.



AA-CR-175-2037-9. Hangar. General view of elevator well and bulkhead 126. Looking to starboard and aft.



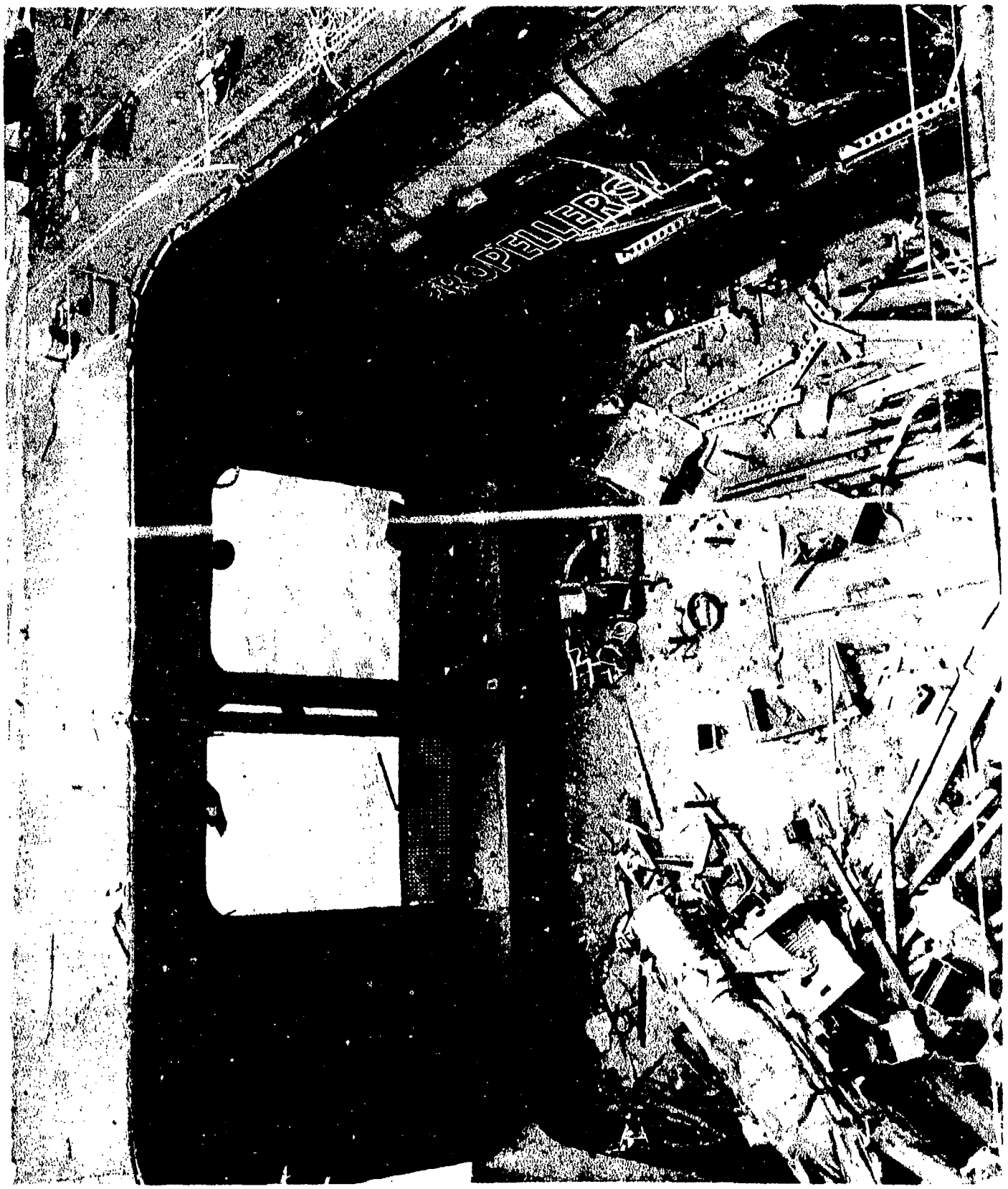
AA-CR-175-2038-9. After elevator pit, looking aft and to port. Note demolished water filled trailer and stack of pipe.



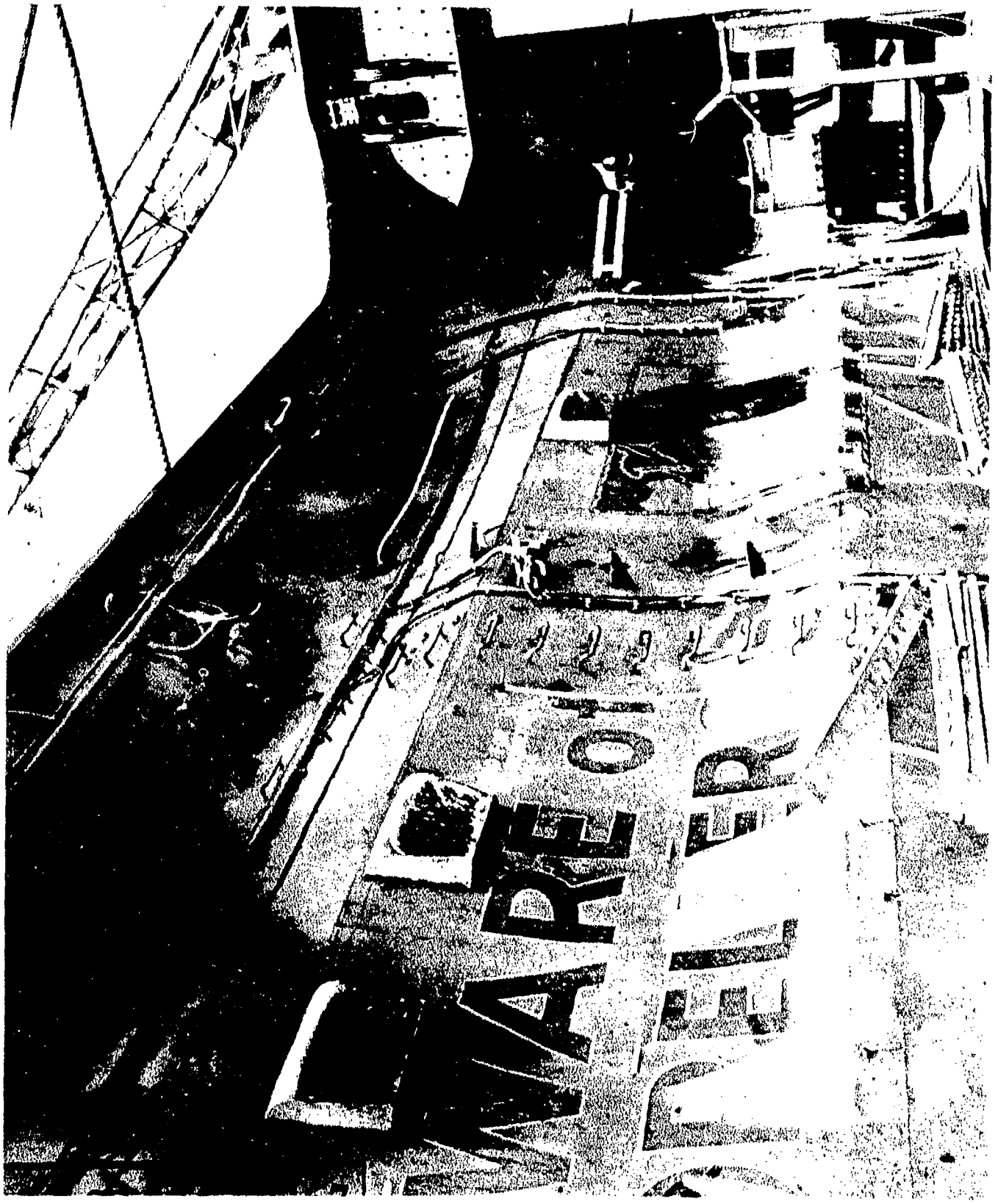
AA-CR-65-1735-1. Bulkhead 45. Taken from starboard side of flight deck, looking forward. Showing in particular, dishing of top panel.



AA-CR-175-2039-4. Forward elevator pit and bulkhead 45, looking forward and down from frame 56 on flight deck.



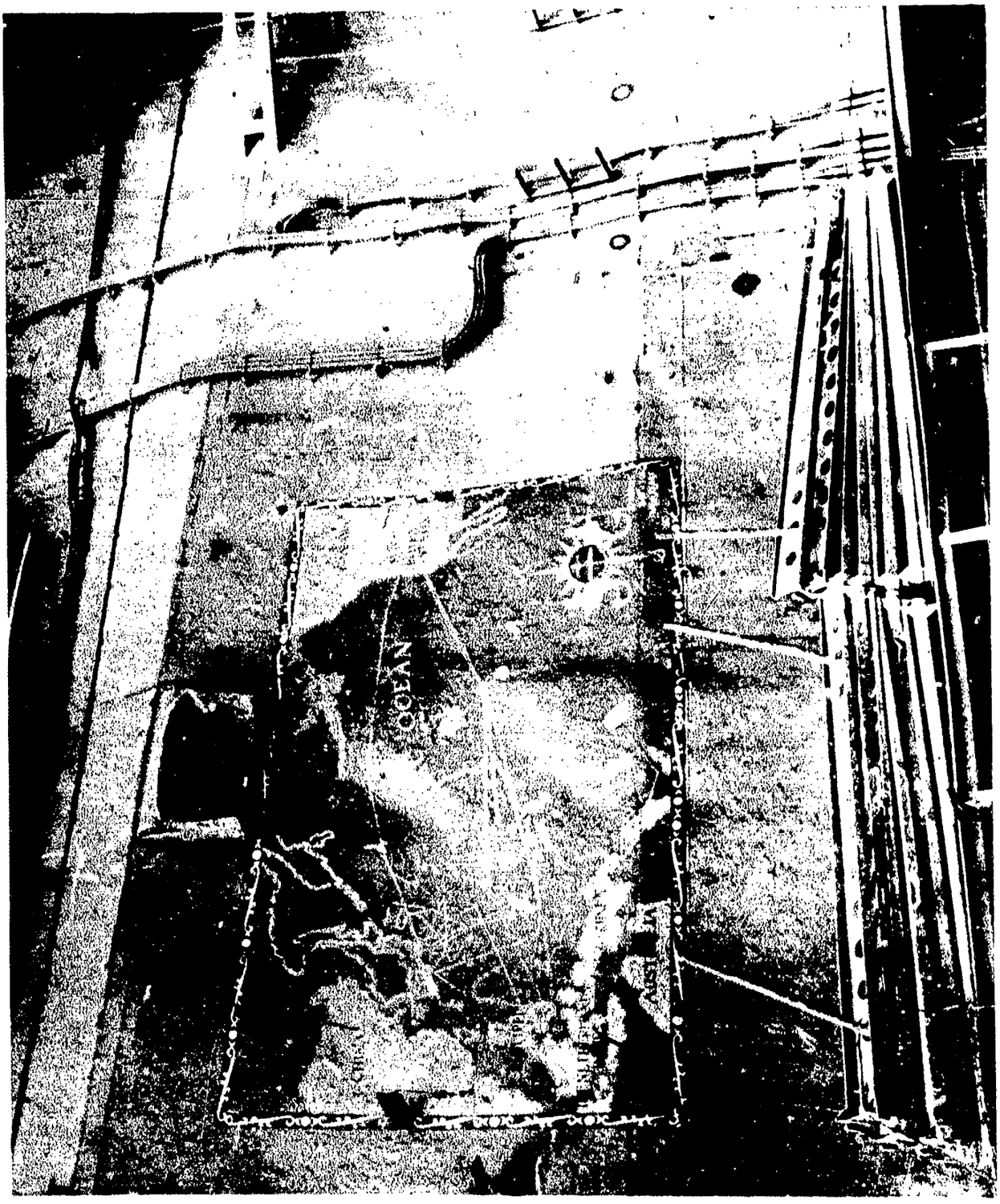
AA-CR-175-2038-3. Forward elevator pit from bridge. Note dish in bulkhead 45, top panel.



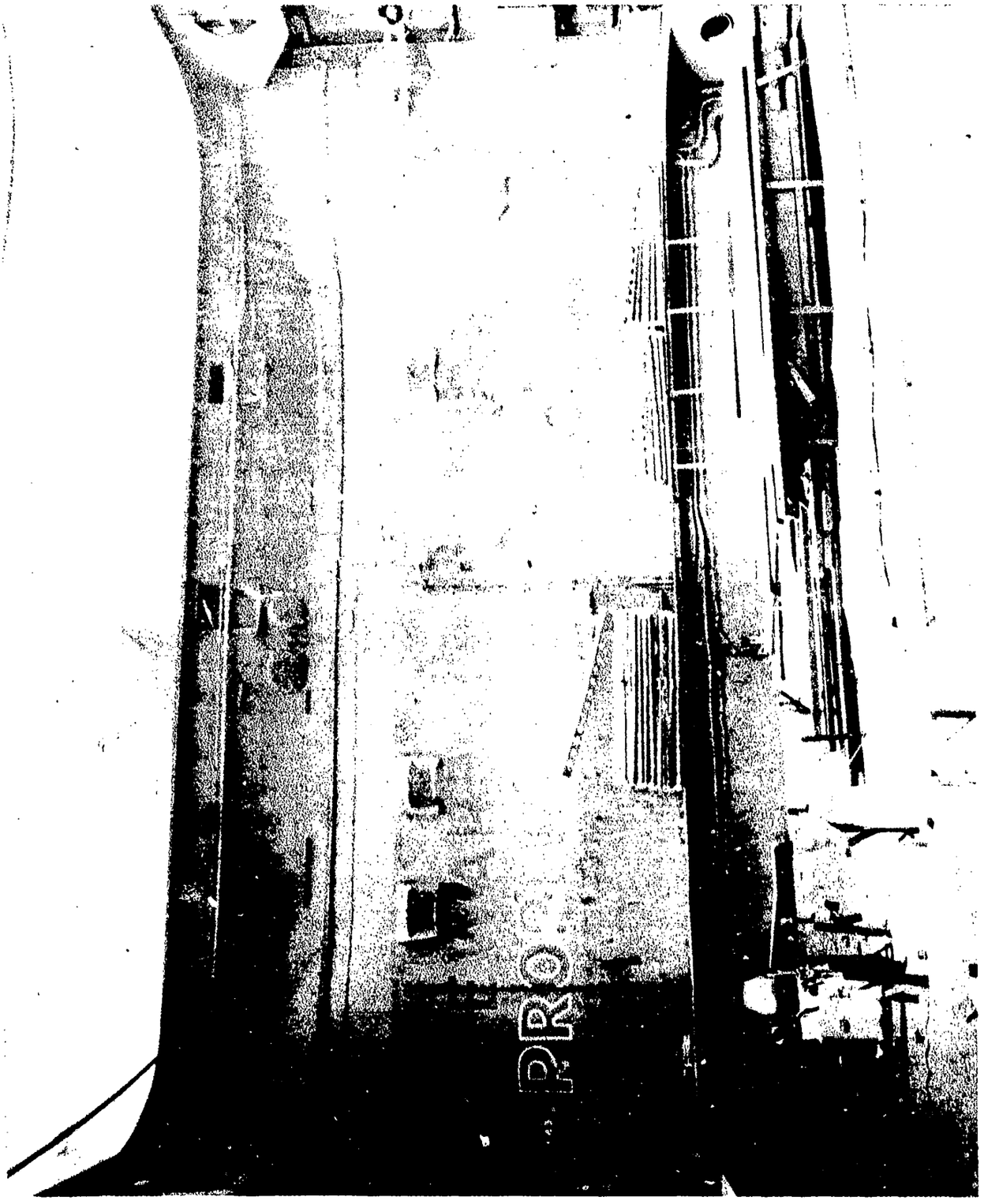
AA-CR-59-2167-6. Bulkhead 45. Looking forward and to starboard from hangar deck level. Note dishing.



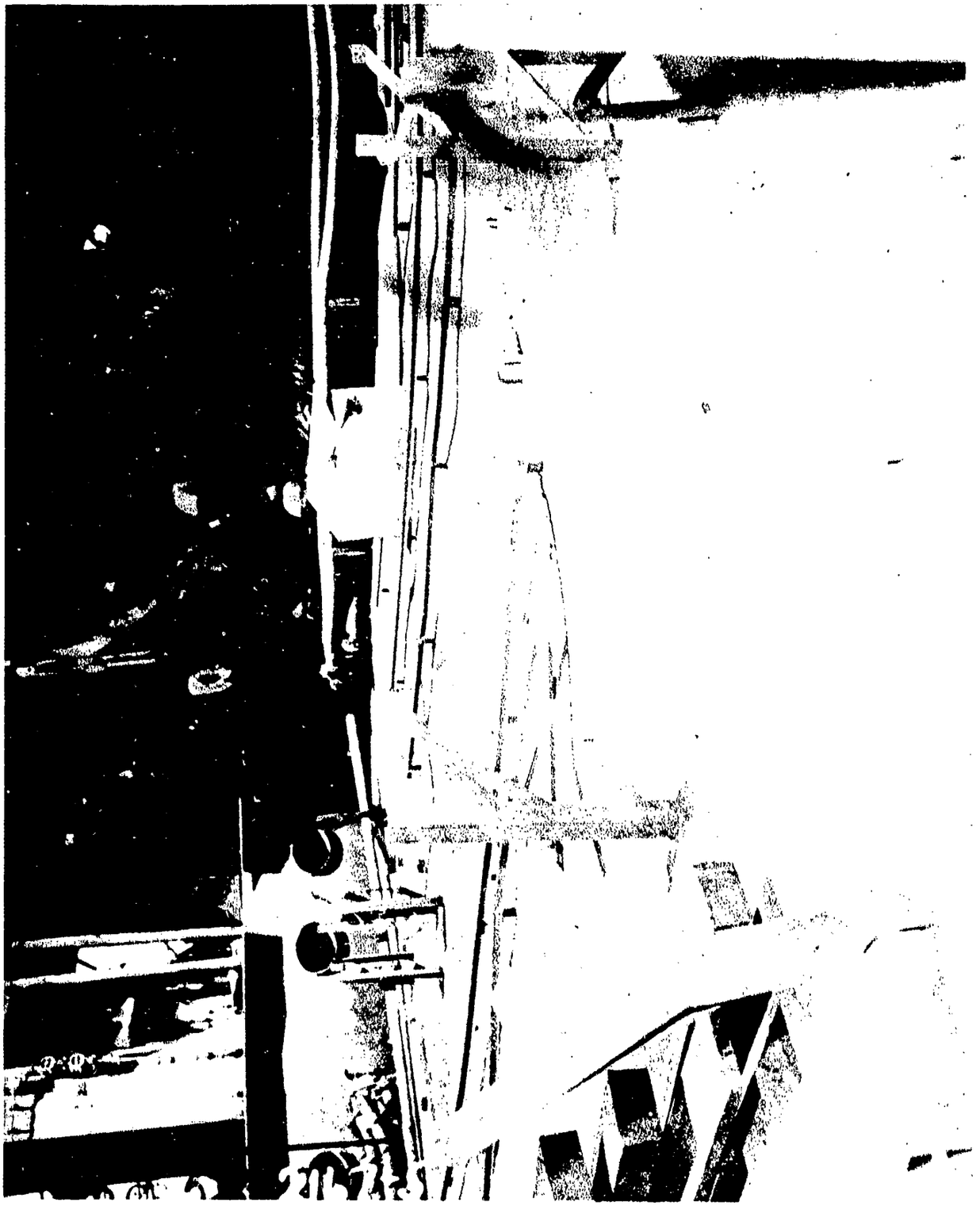
AA-CR-82-1921-1. Bulkhead 45. Starboard side above hangar deck level. Looking forward. Note dishing.



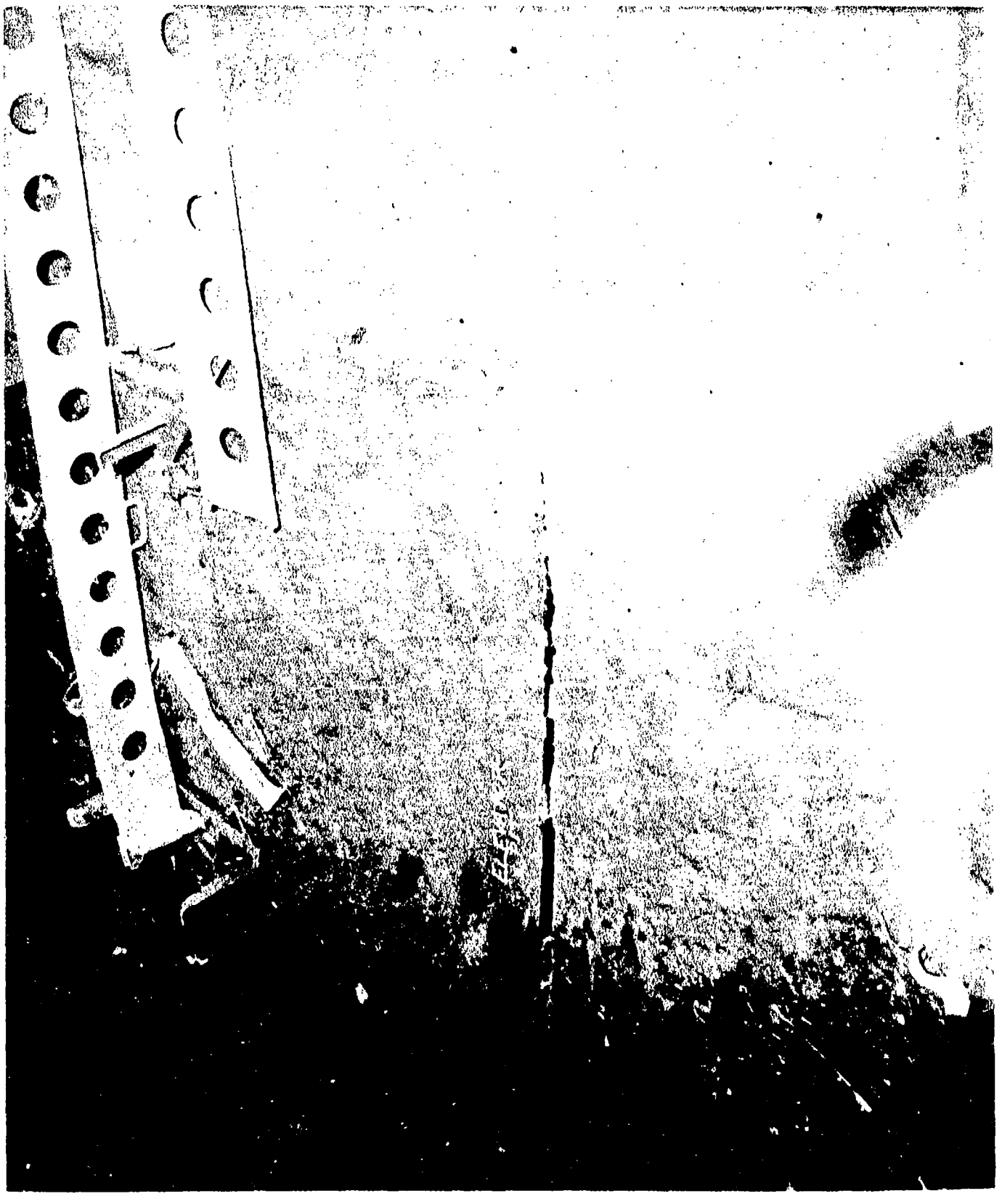
AA-CR-82-1921-2. Bulkhead 45. Starboard side above hangar deck level. Looking forward.



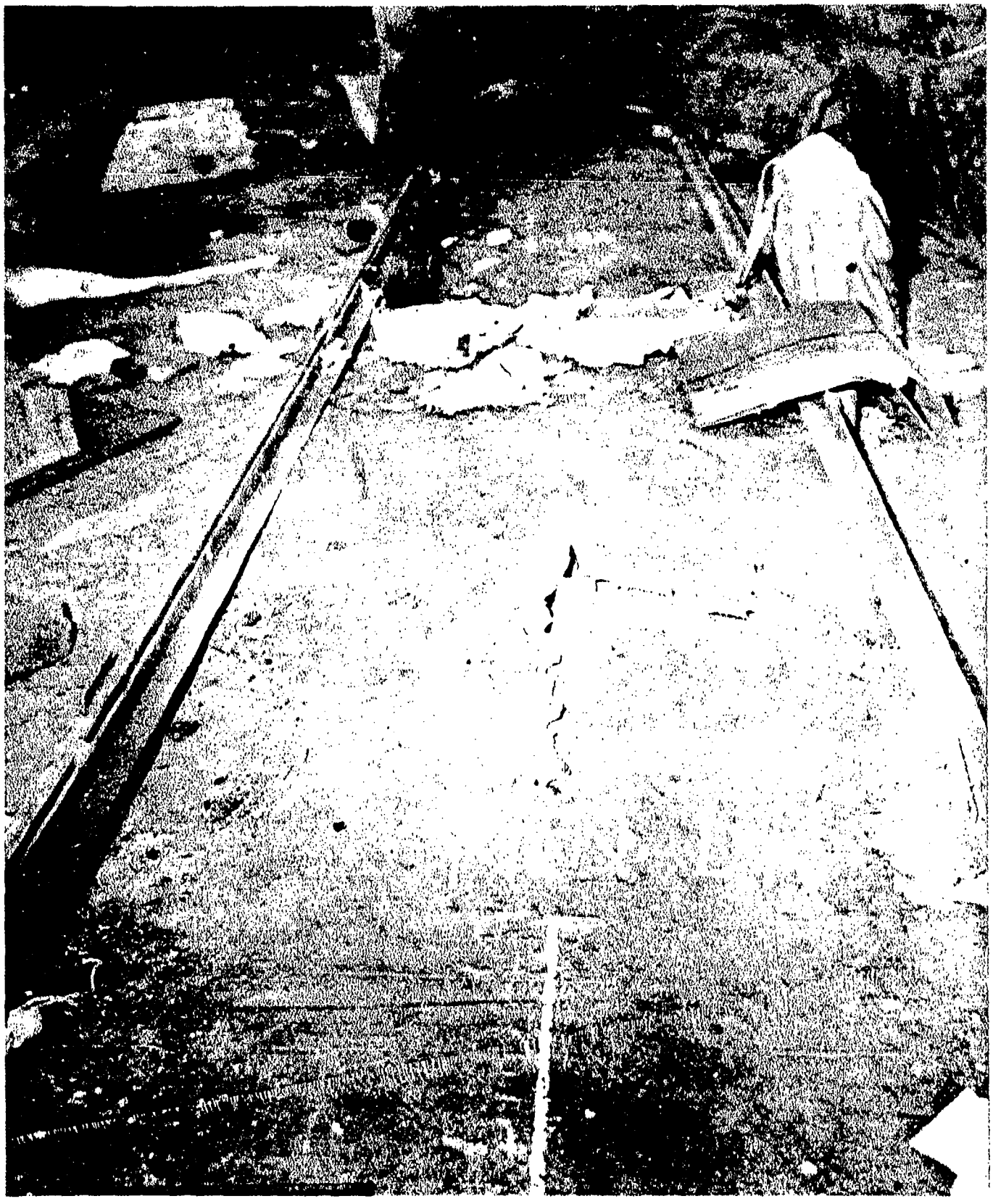
AA-CR-82-1921-3. Bulkhead 45. Looking forward from frame 56.



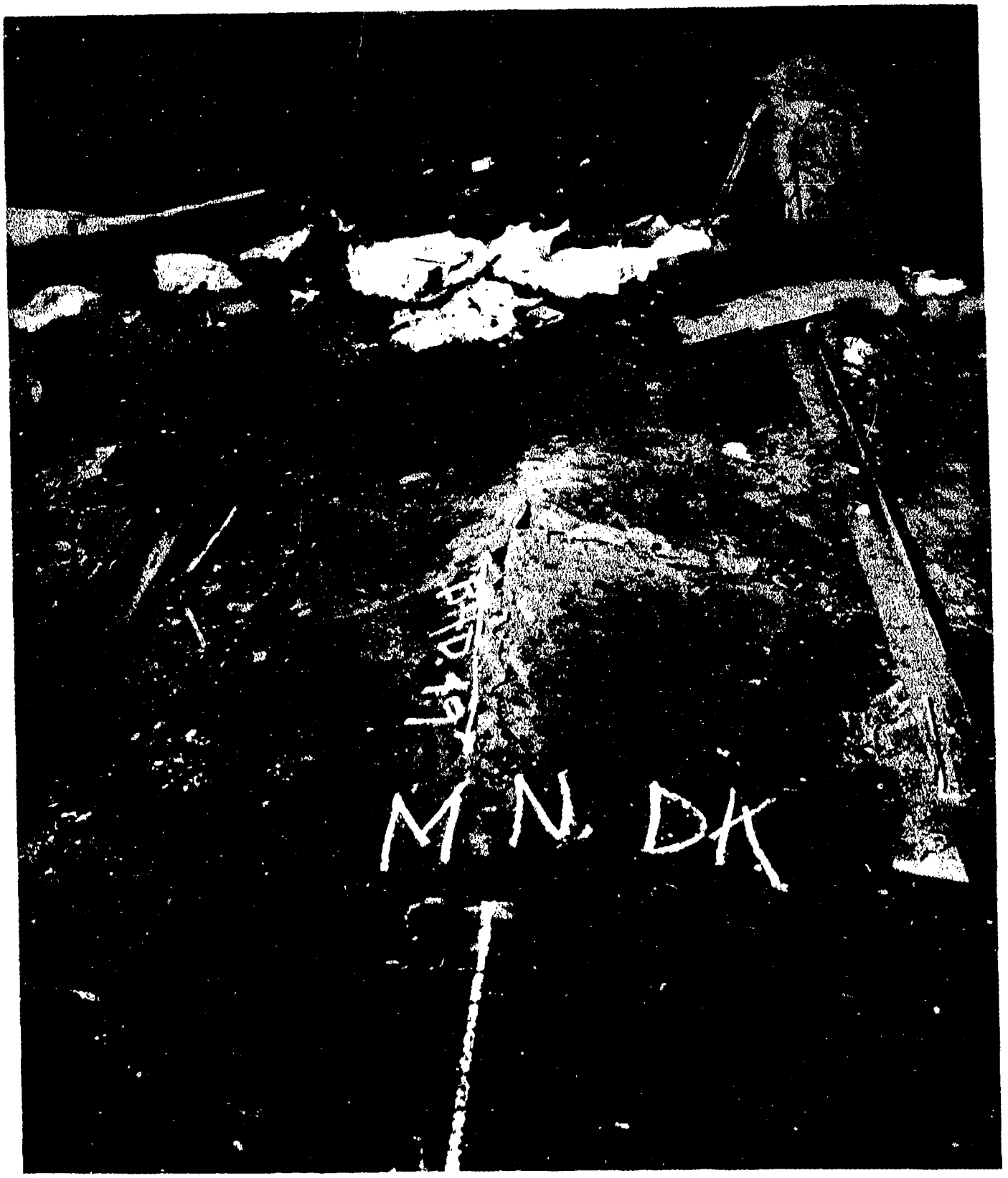
AA-CR-59-2167-5. Forward elevator pit looking starboard and aft.



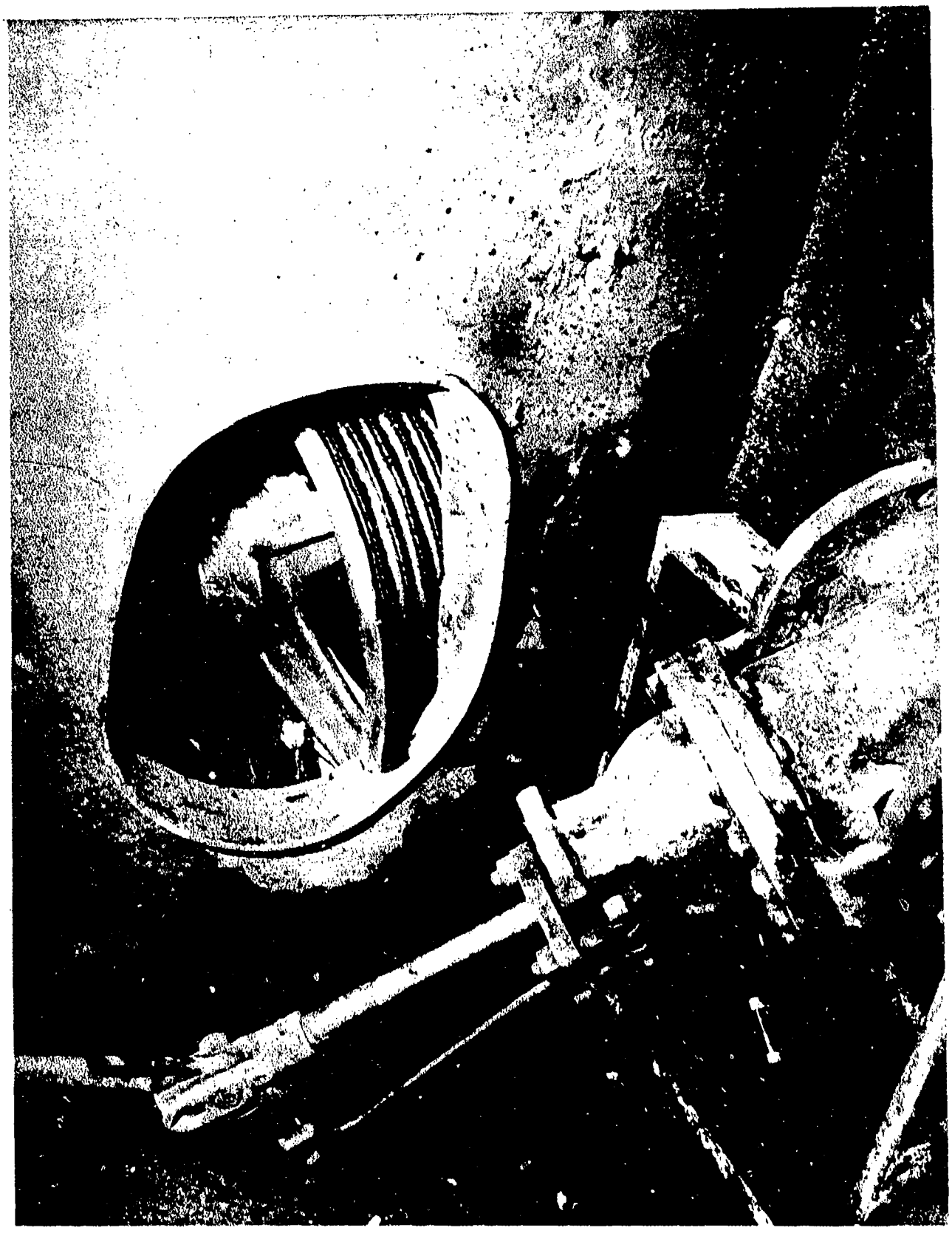
AA-CR-88-2100-4. Elevator pit weld failure, looking forward and to port, frame 47.



AA-CR-88-2100-5. Main deck tear through riveted joint to bulkhead 49. Looking to port.



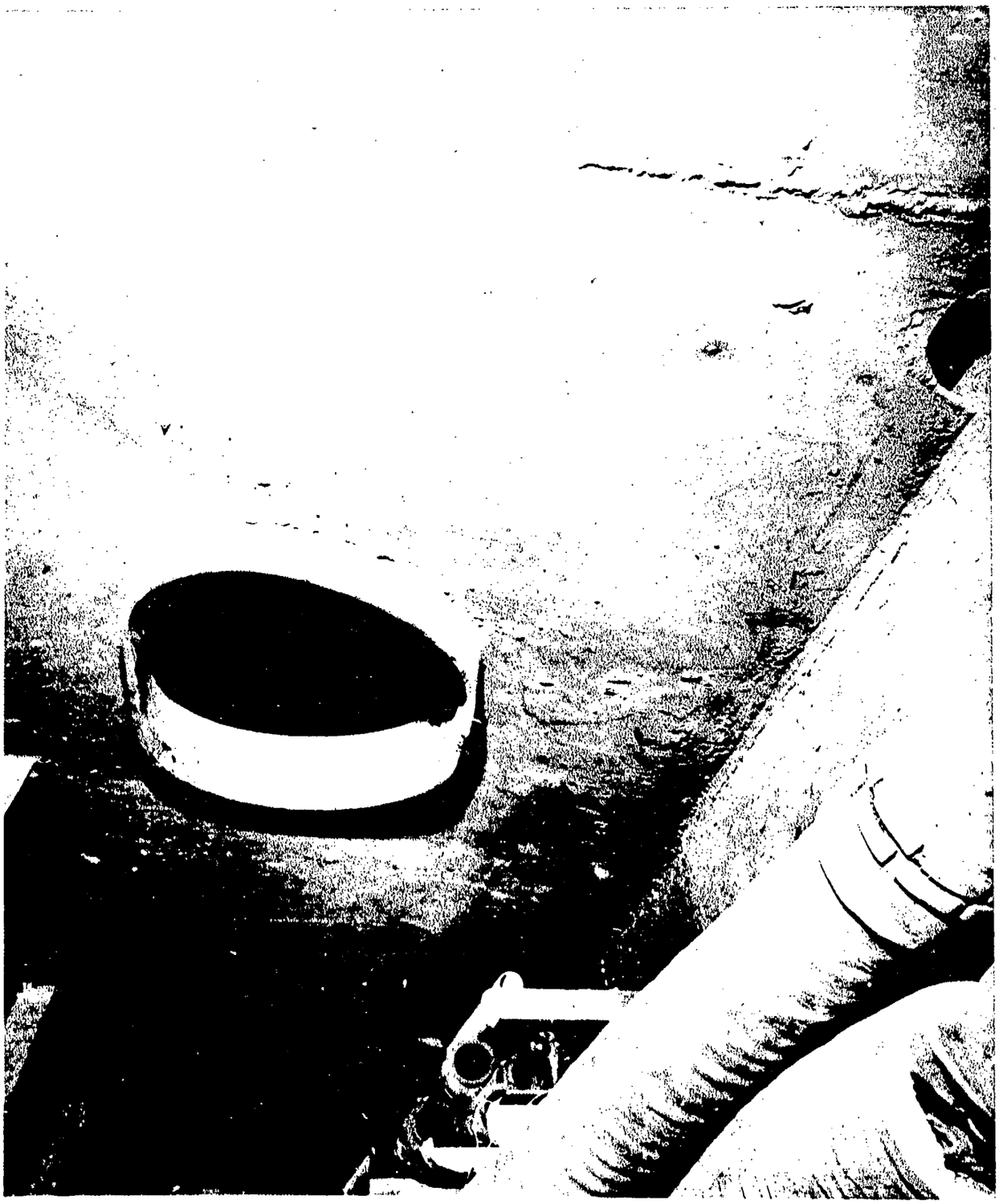
AA-CR-88-2100-3. Main deck tear through riveted joint to bulkhead 49. Looking to port.



AA-CR-82-1921-4. Floor at frame 56, starboard aft corner of forward elevator pit, under hangar deck, looking aft showing damage to face plate by sheave.



AA-CR-82-1921-8. Hangar deck and floor at frame 56 showing ripples at centerline.



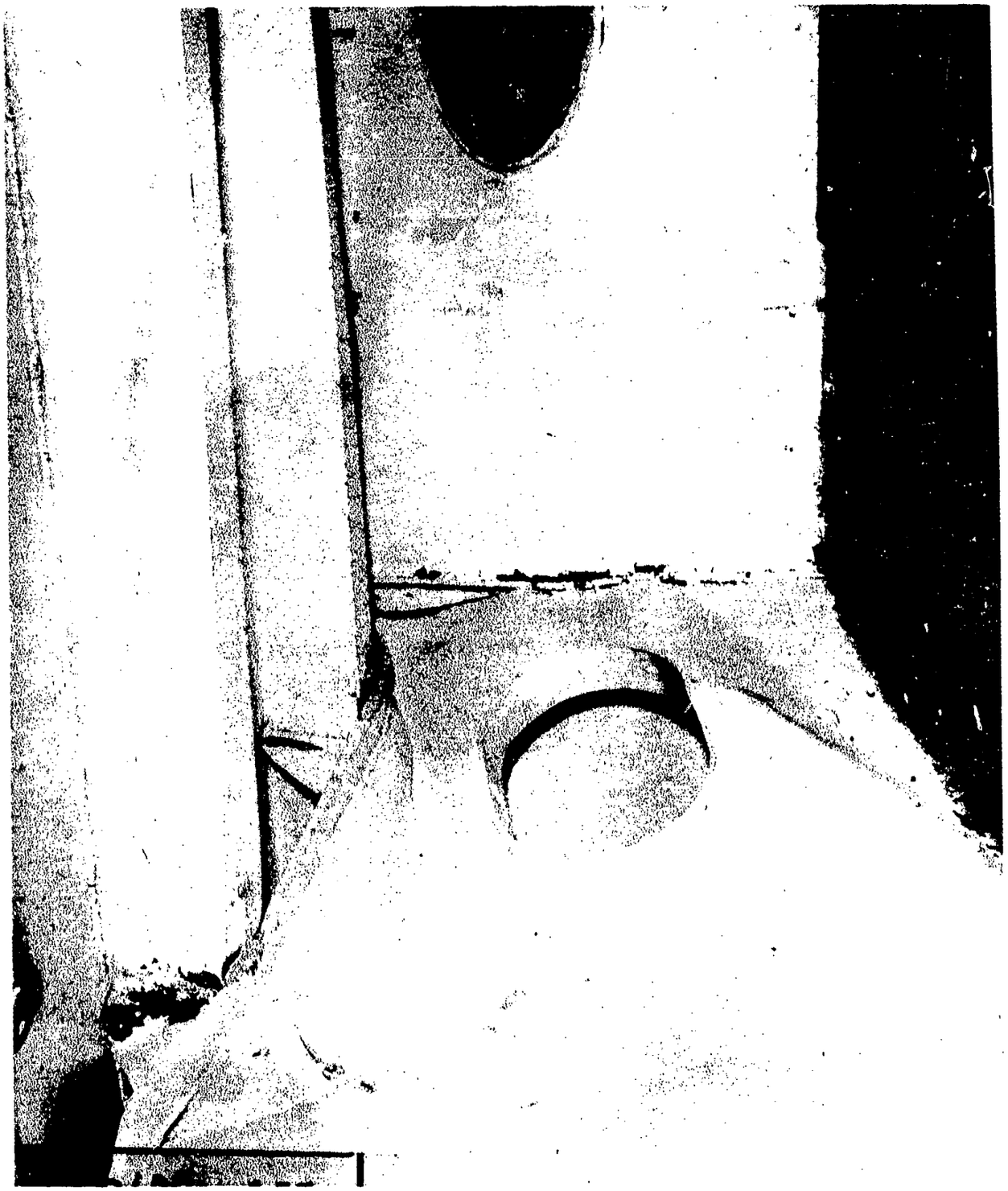
AA-CR-82-1921-6. Lightening hole 25 feet off centerline to port, frame 56, under hangar deck looking aft.



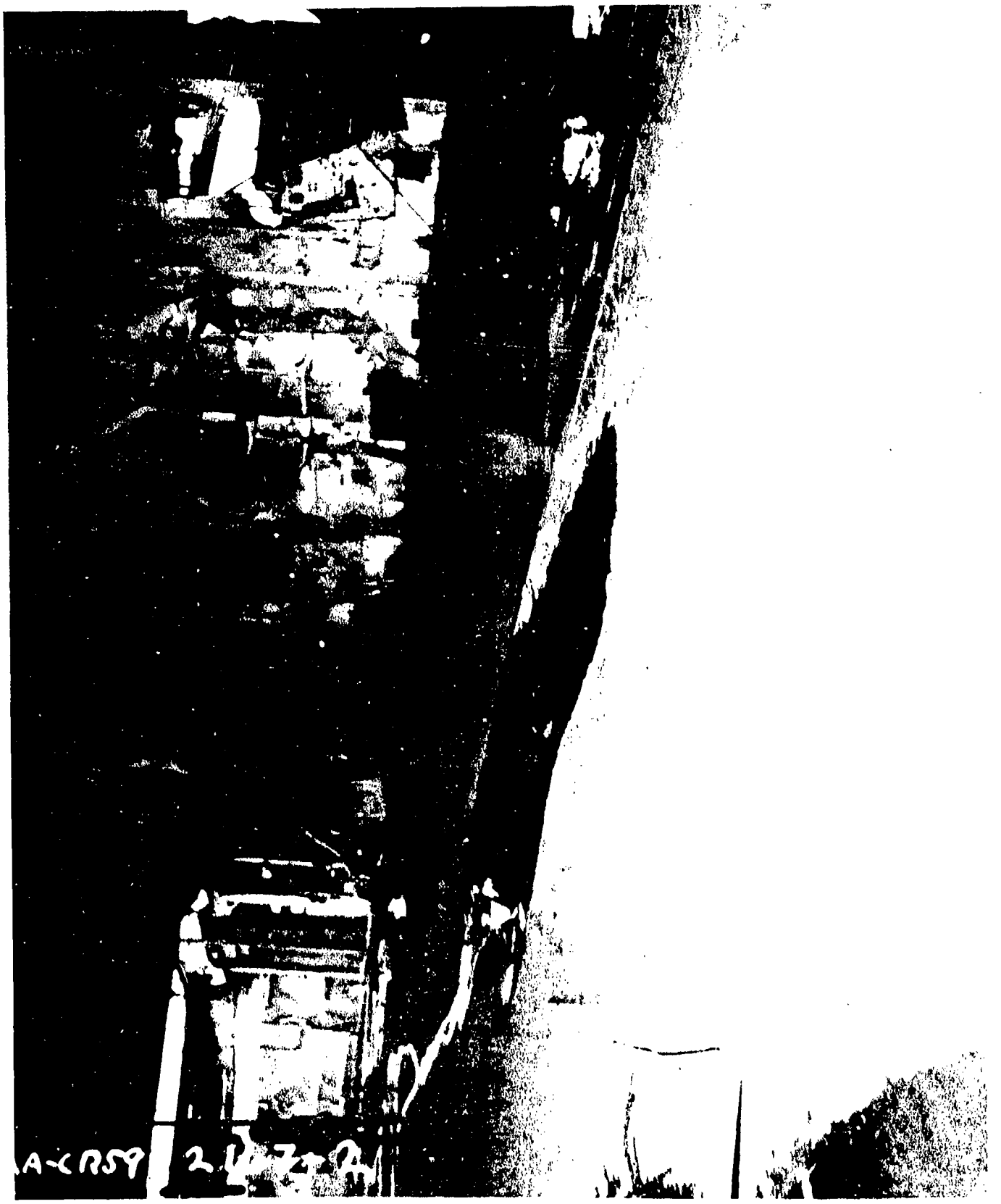
AA-CR-59-2167-4. Hangar deck depressions, looking forward from approximately frame 80. Note temporary uptake between Bents 65 and 68.



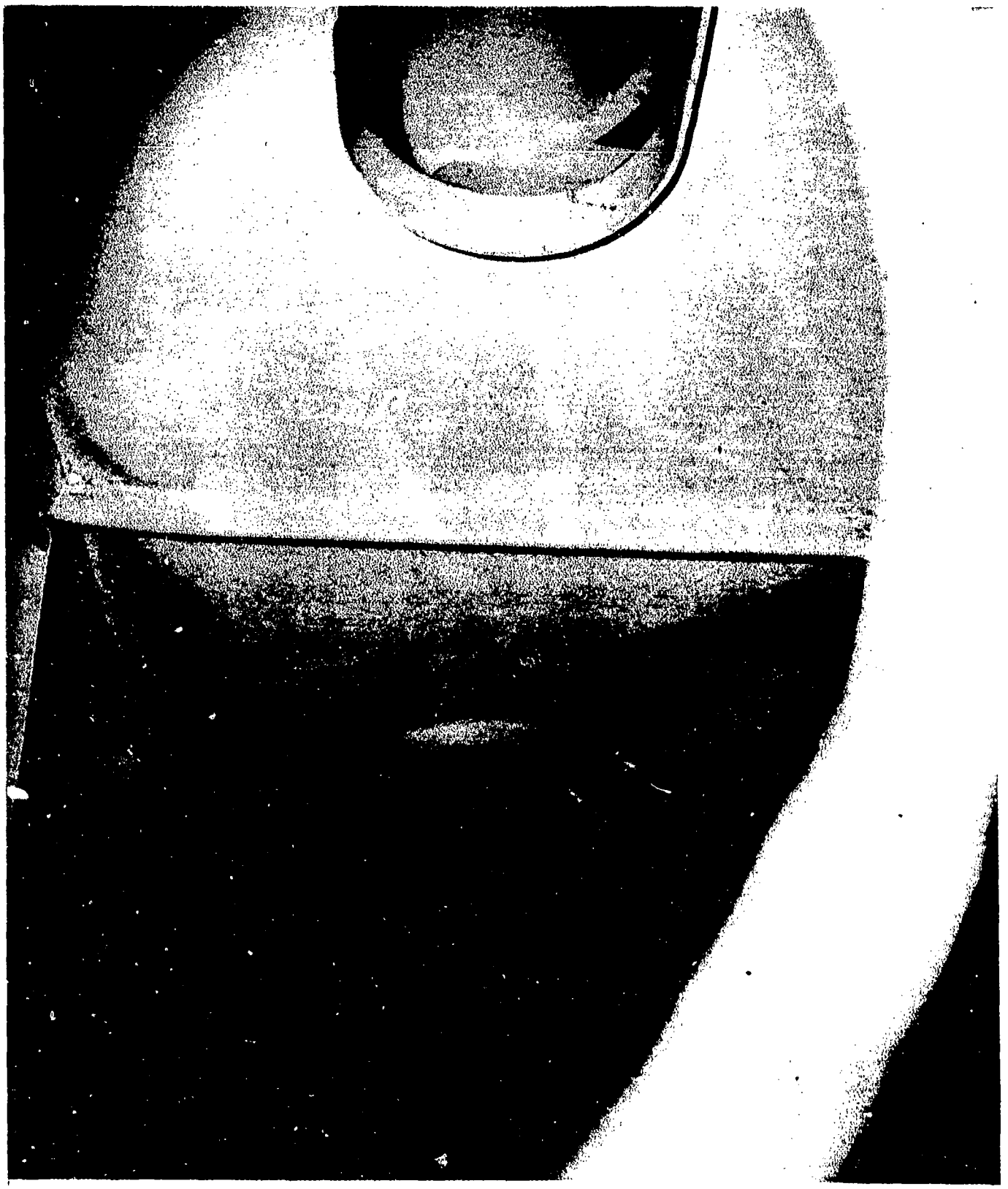
AA-CR-59-2167-3. Hangar. Looking to starbcard and forward of frame 80, showing dishing of deck.



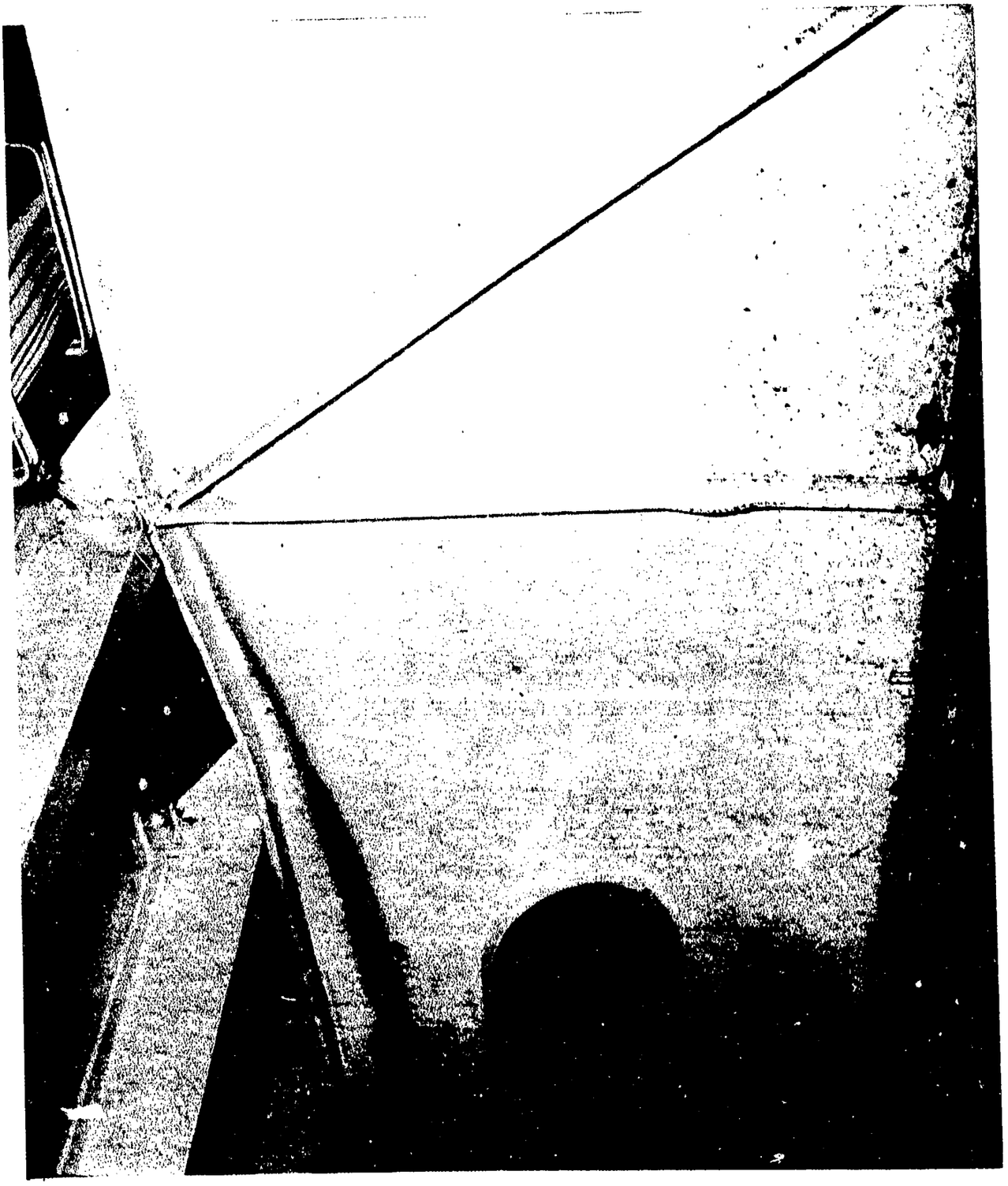
AA-CR-100-165-4. Underside of Hanger deck. Frame 83, port side, showing crumpling of transverse and longitudinal floors. Looking inboard and forward.



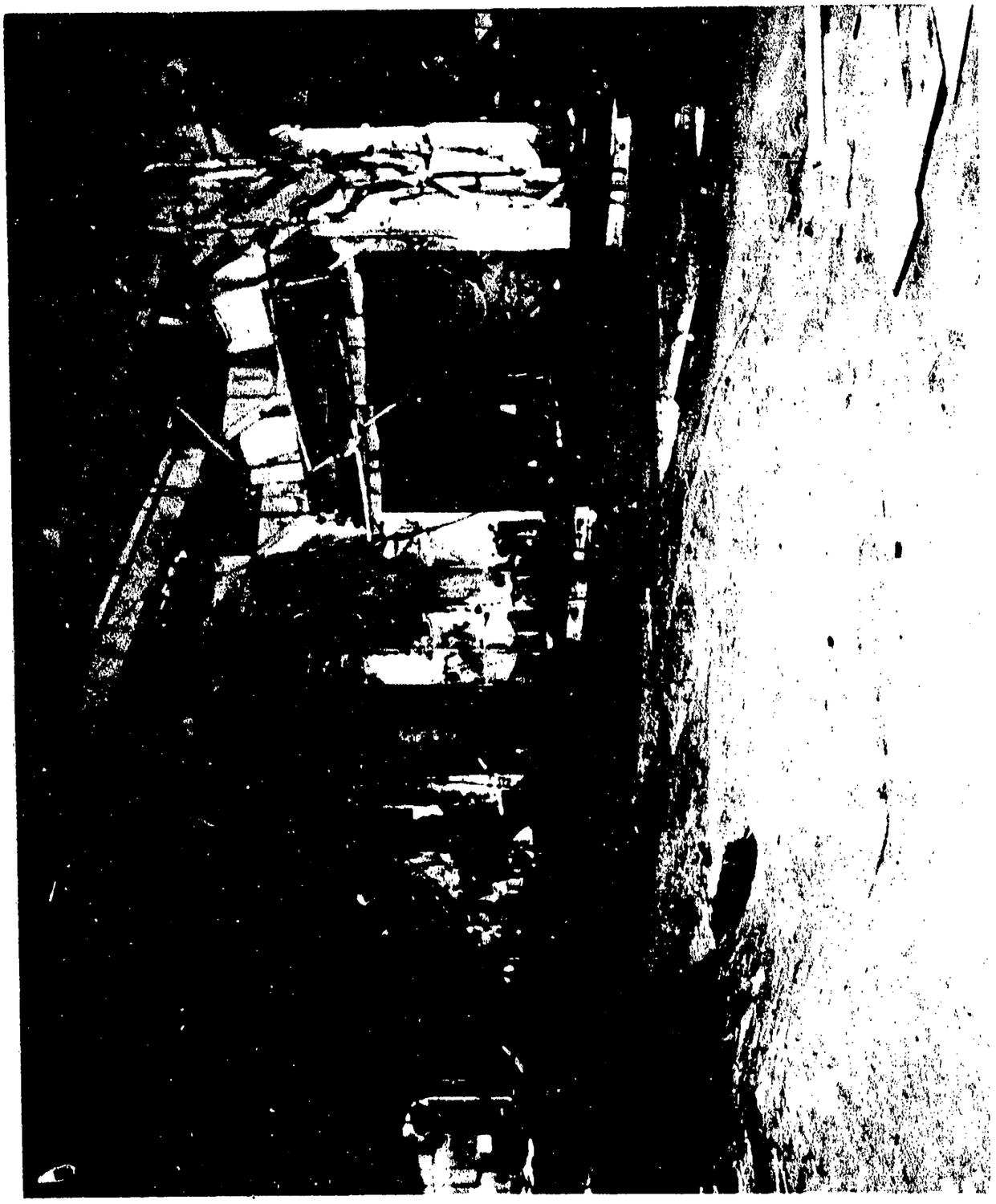
AA-CR-59-2167-2. Hangar. Looking forward and starboard from Bent 96. Note dishing of deck.



AA-CR-65-959-5. Underside of hangar deck, frame 89, port side. Looking inboard between 1st. and 2nd. longitudinals inboard of shell. Bright streak is face plate of lightening hole, Longitudinal No. 1.



AA-CR-65-959-3. Underside of hangar deck, frame 89, port side, looking aft and starboard. Showing buckles under 3rd. and 4th. longitudinals inboard of shell.



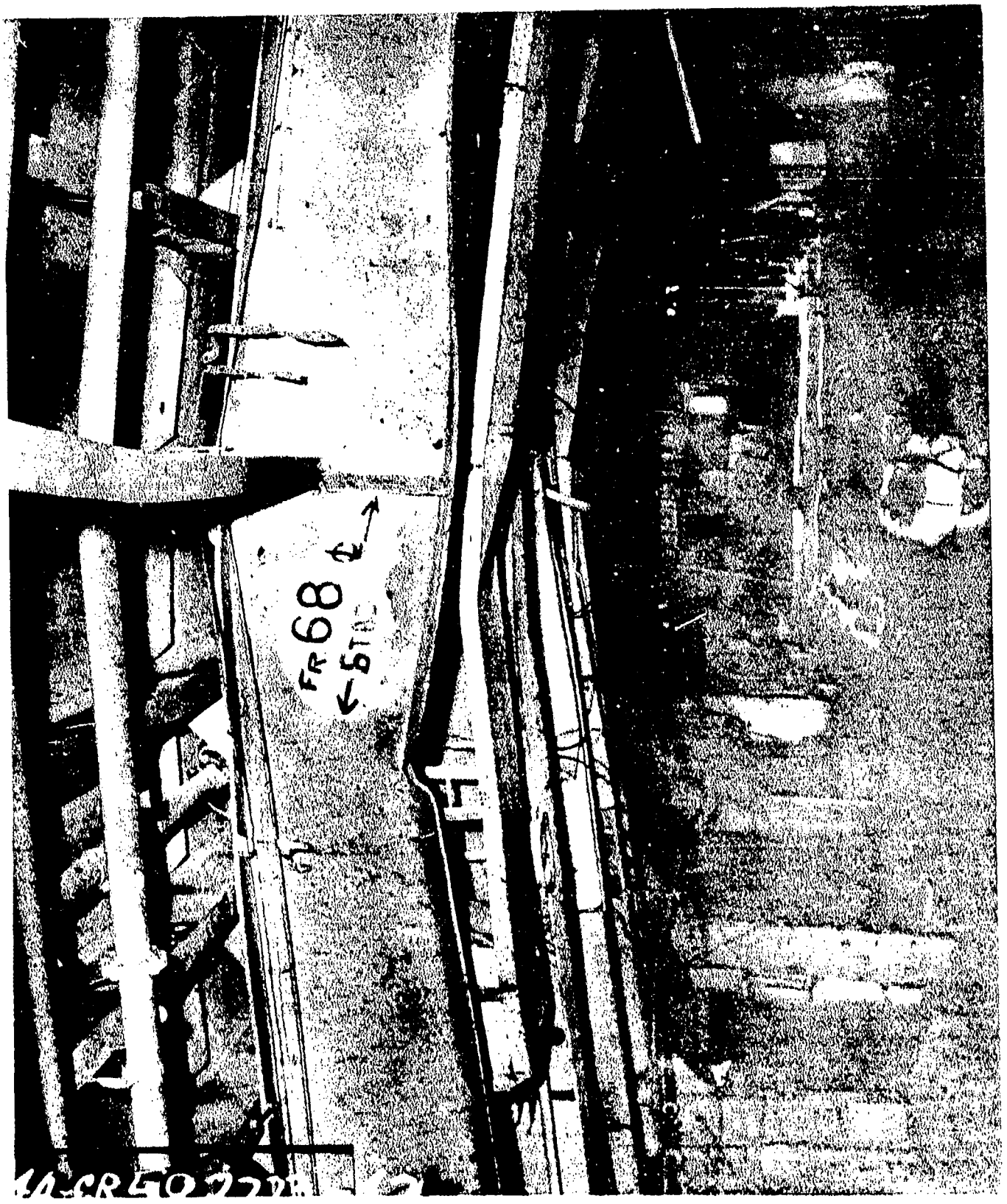
AA-CR-59-2166-12. General view of hangar, looking forward from about frame 113. After cleanup.



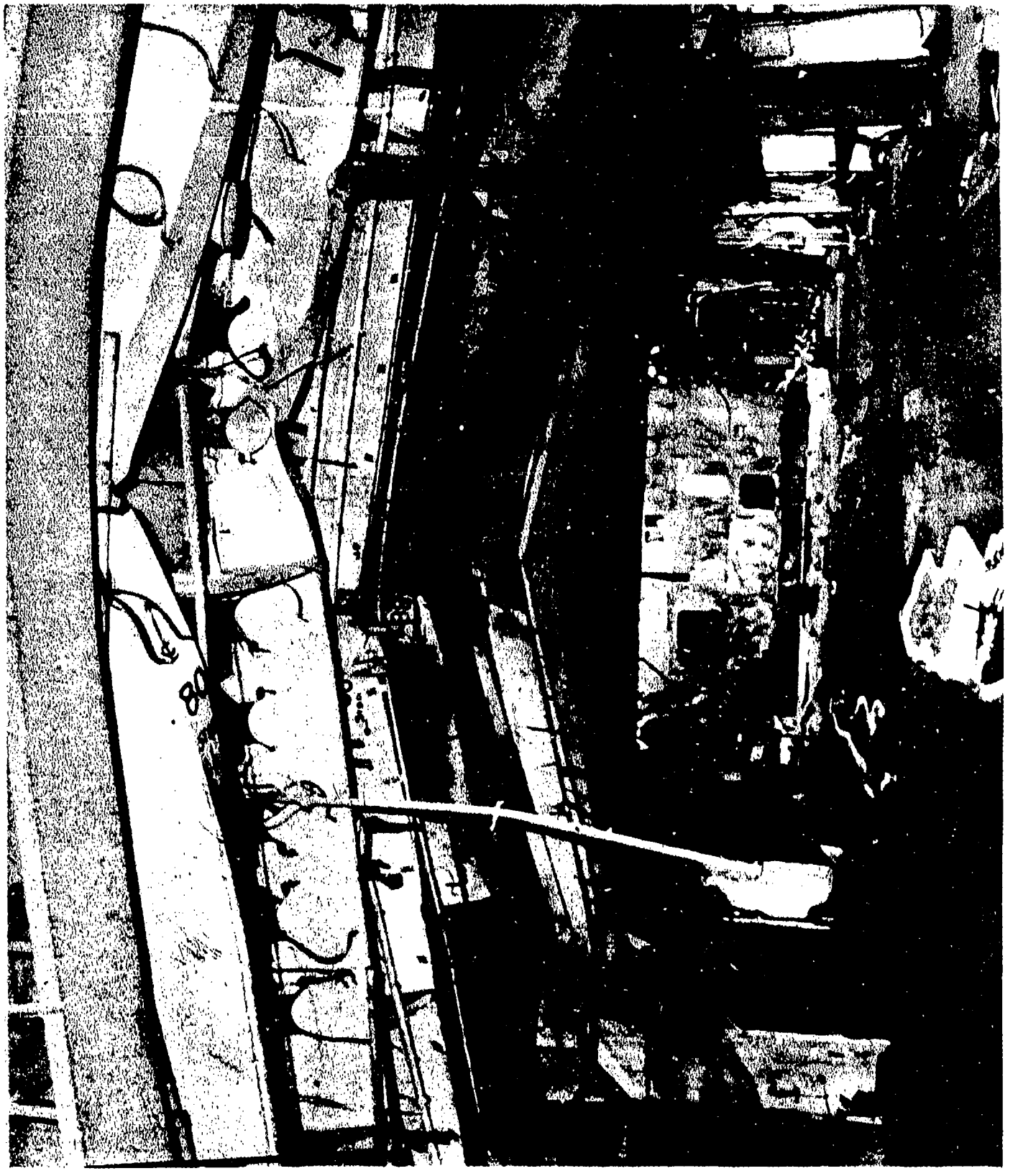
AA-CR-59-2167-1. Hangar. Looking to starboard and forward of frame 98, showing dished deck.



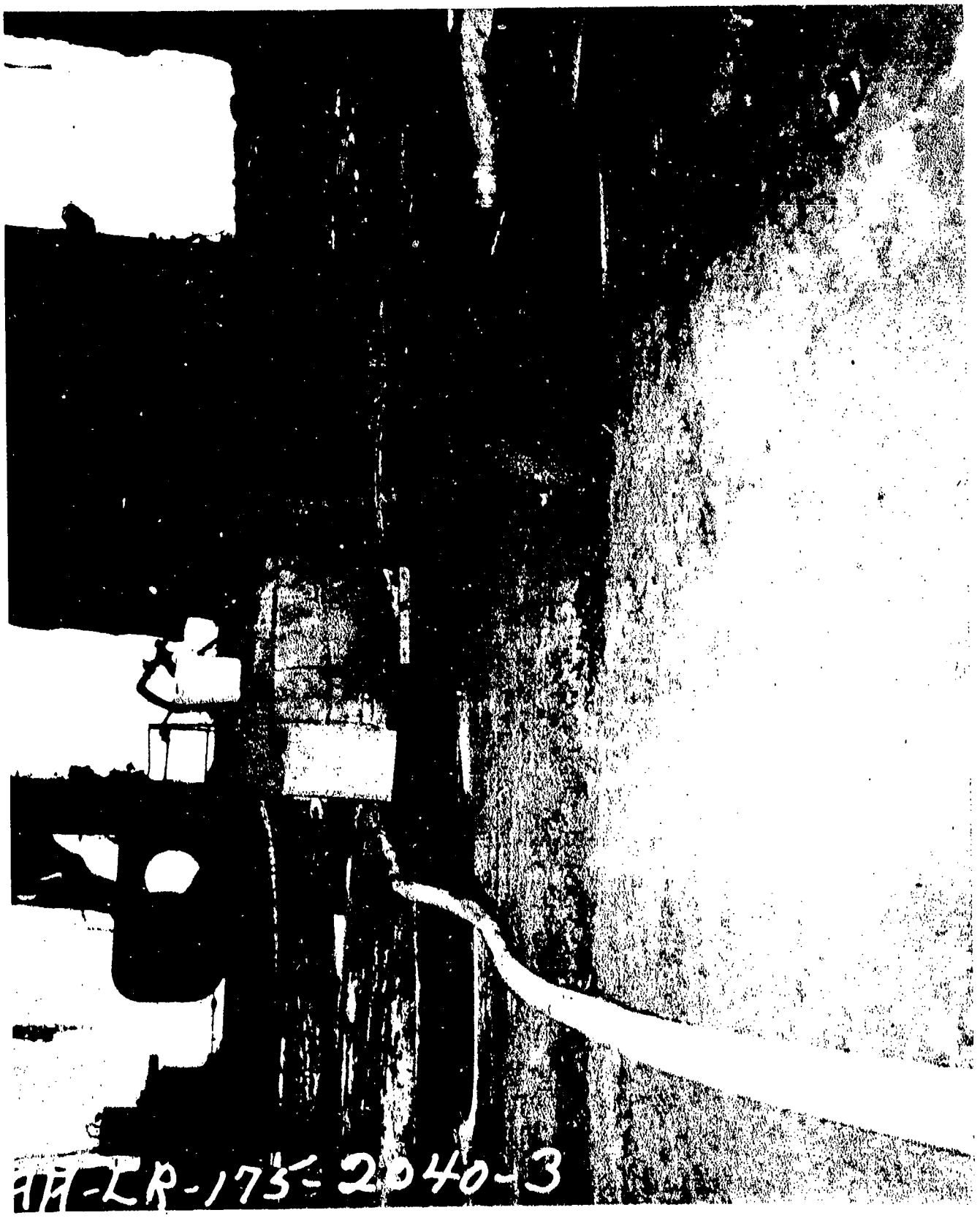
AA-CR-59-2227-5. Hangar-General view looking aft from Bent 68.



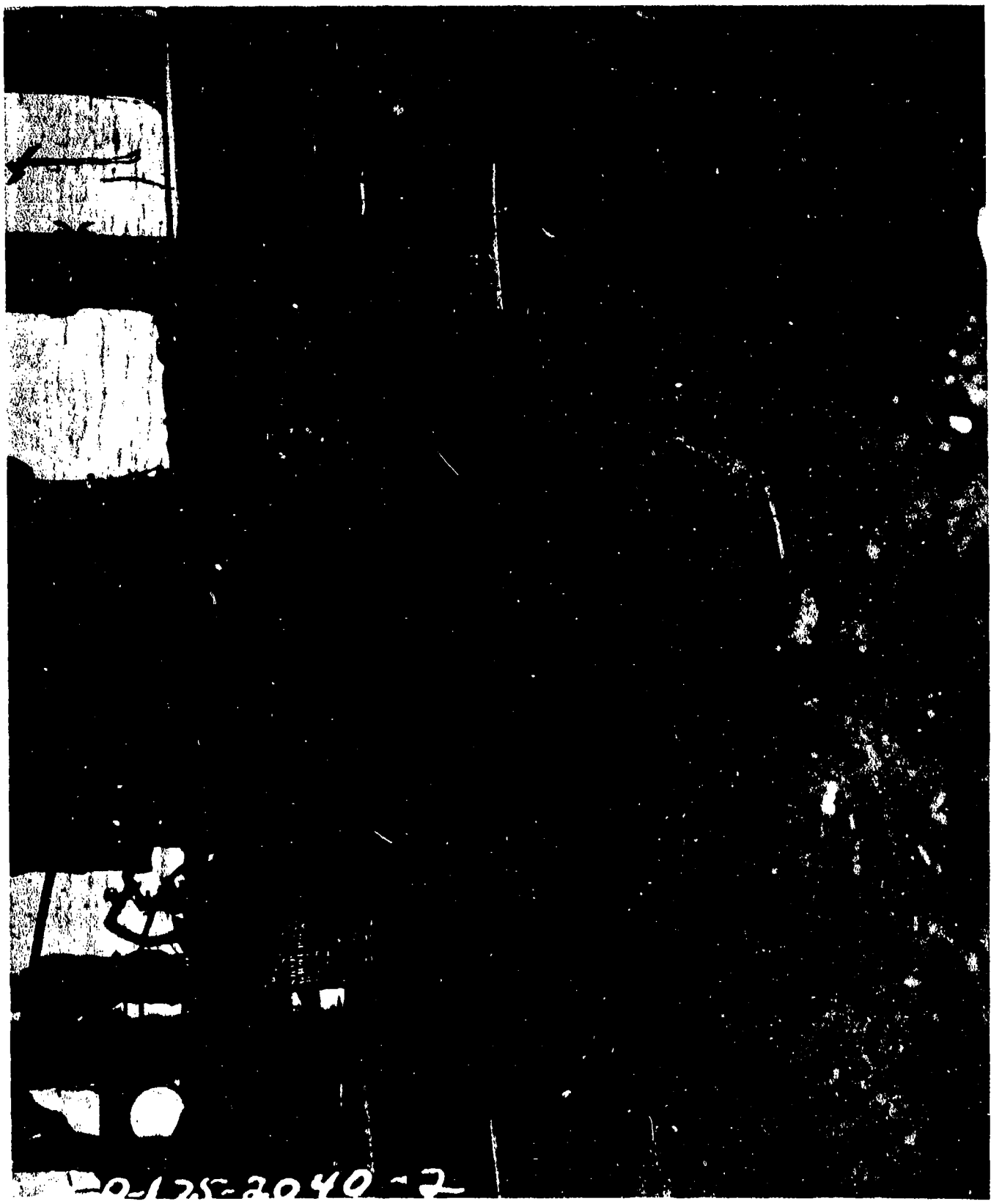
AA-CR-59-2223-12. Flight deck Bent 68, centerline. Buckled transverse girder and fractured weld joining web stiffener to deck longitudinal. Looking aft.



AA-CR-59-2226-12. Hanger-General view looking aft.



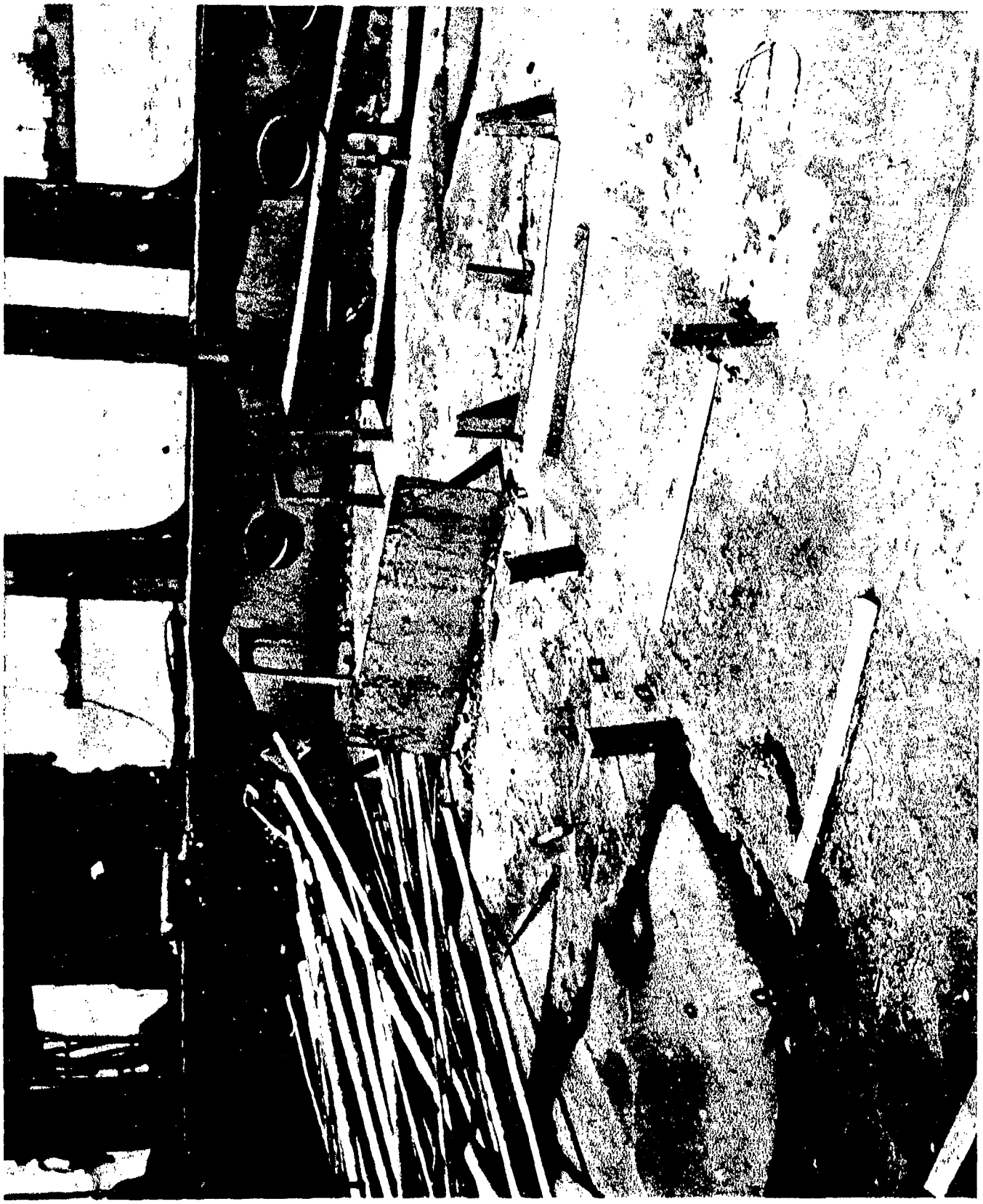
AA-CR-175-2040-3. Dishing of hangar deck, Bent 107 to column 118, looking to starboard from port side.



AA-CR-62-2040-2. General view of hangar looking to starboard and aft from about frame 101. Note local dishing of deck.



AB-CR-80-2061-12. After Baker. After elevator pit and hangar deck. Looking forward and to starboard from port side about frame 118.



AA-CR-59-2167-8. After elevator pit, dishing and wrinkles in main deck. Looking to starboard and forward.



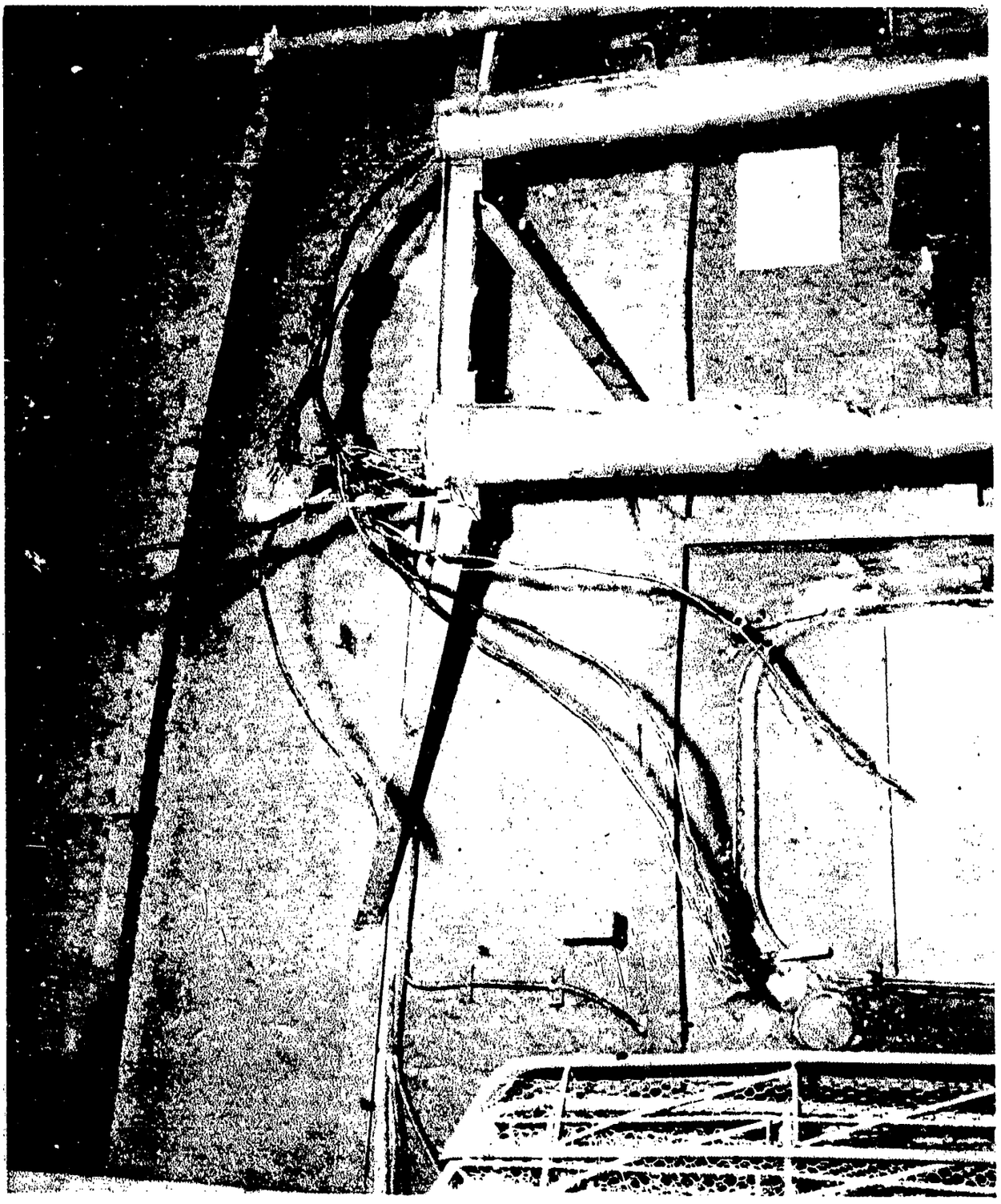
AA-CR-59-2166-11. Hangar deck at after elevator well. Note crumpled plating in way of lightening holes.



AA-CR-175-2038-8. General view looking down and forward into after elevator well. Note charred tires on water filled trailer which fell from deck above. Also afterbody of torpedo at end of trailer.



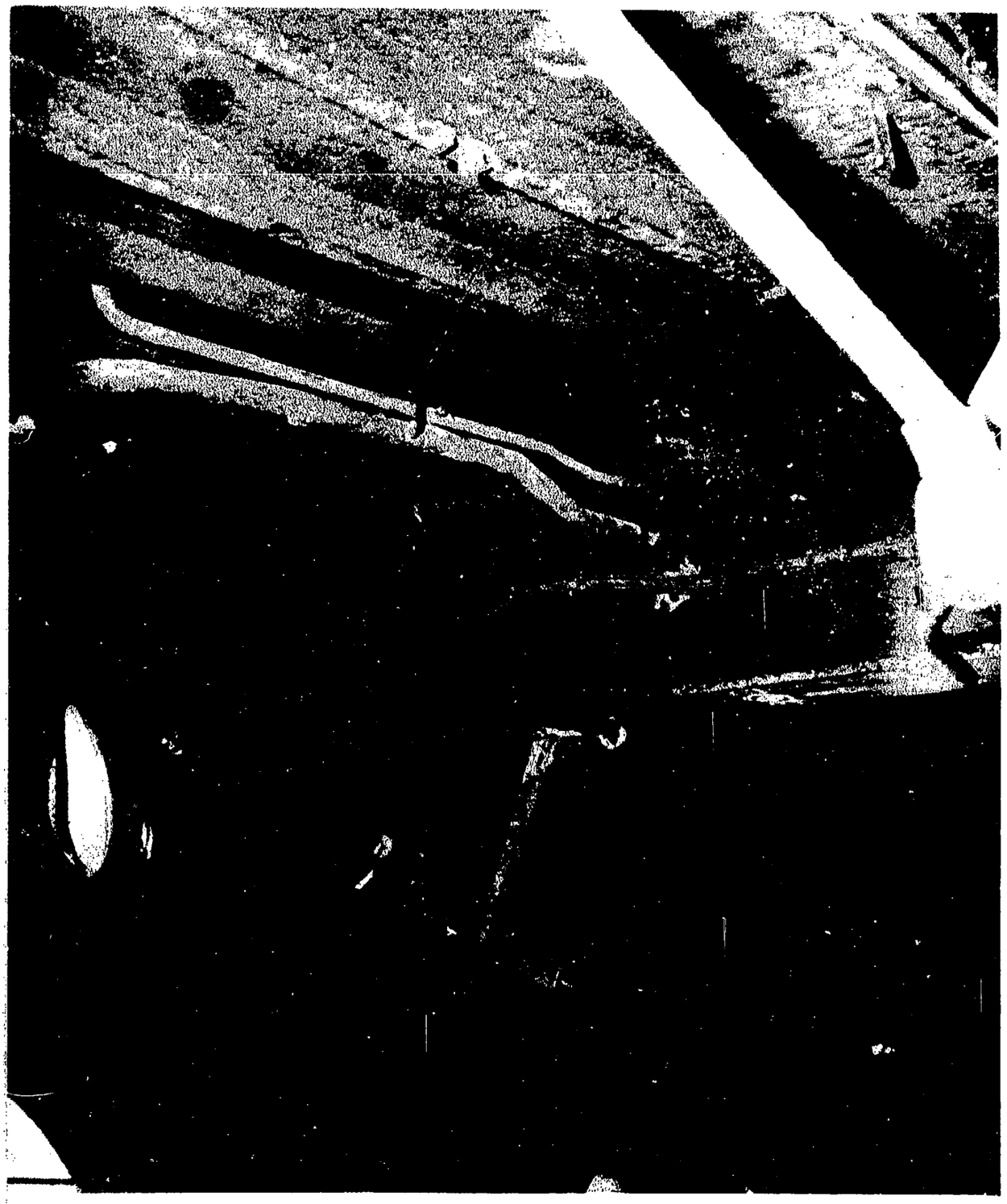
AA-CR-59-4148-5. After elevator pit looking aft and starboard from forward port corner of opening in flight deck.



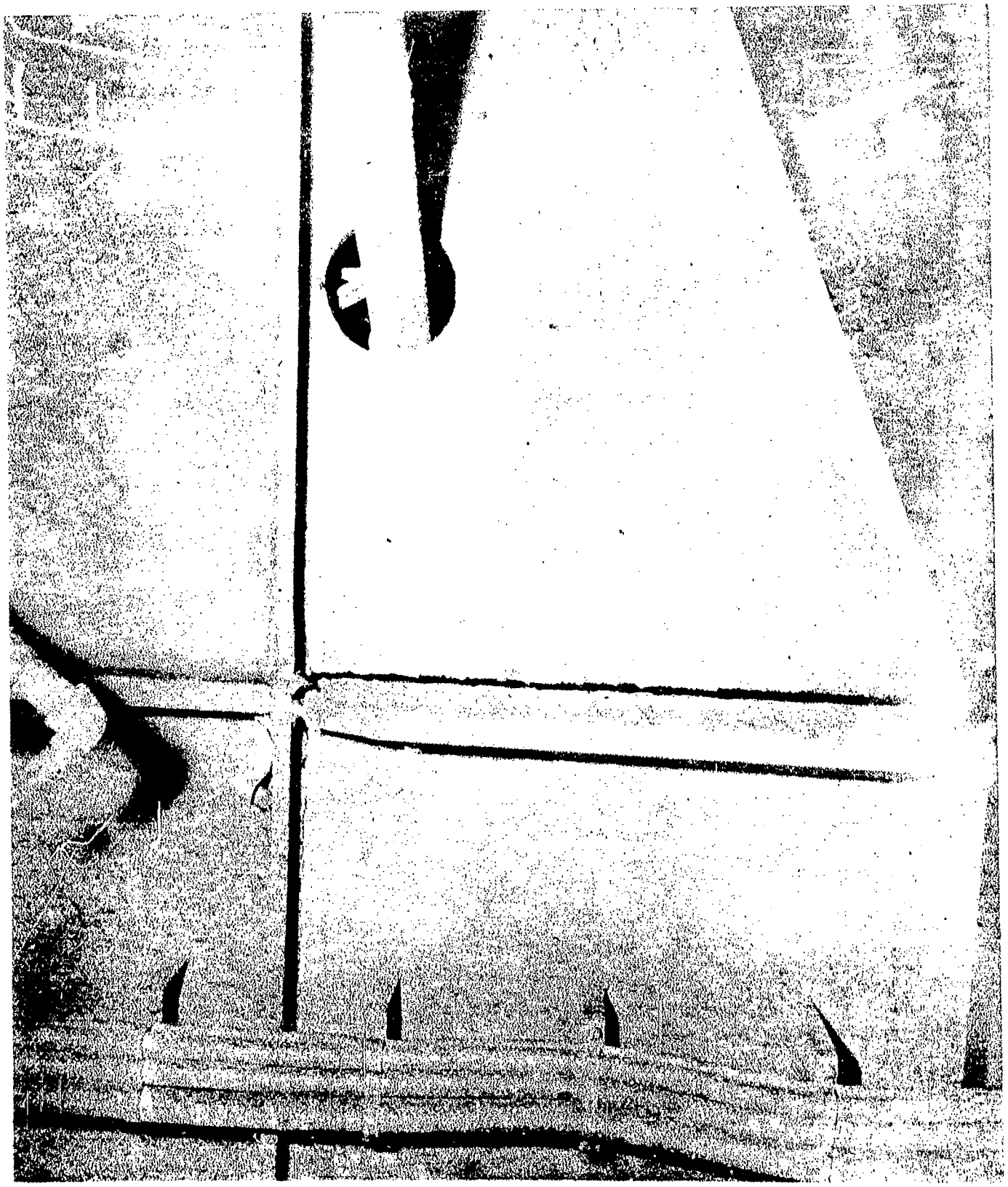
AA-CR-82-1921-9. Hangar deck, port side, frames 53-56. Looking outboard at frayed elevator cables.



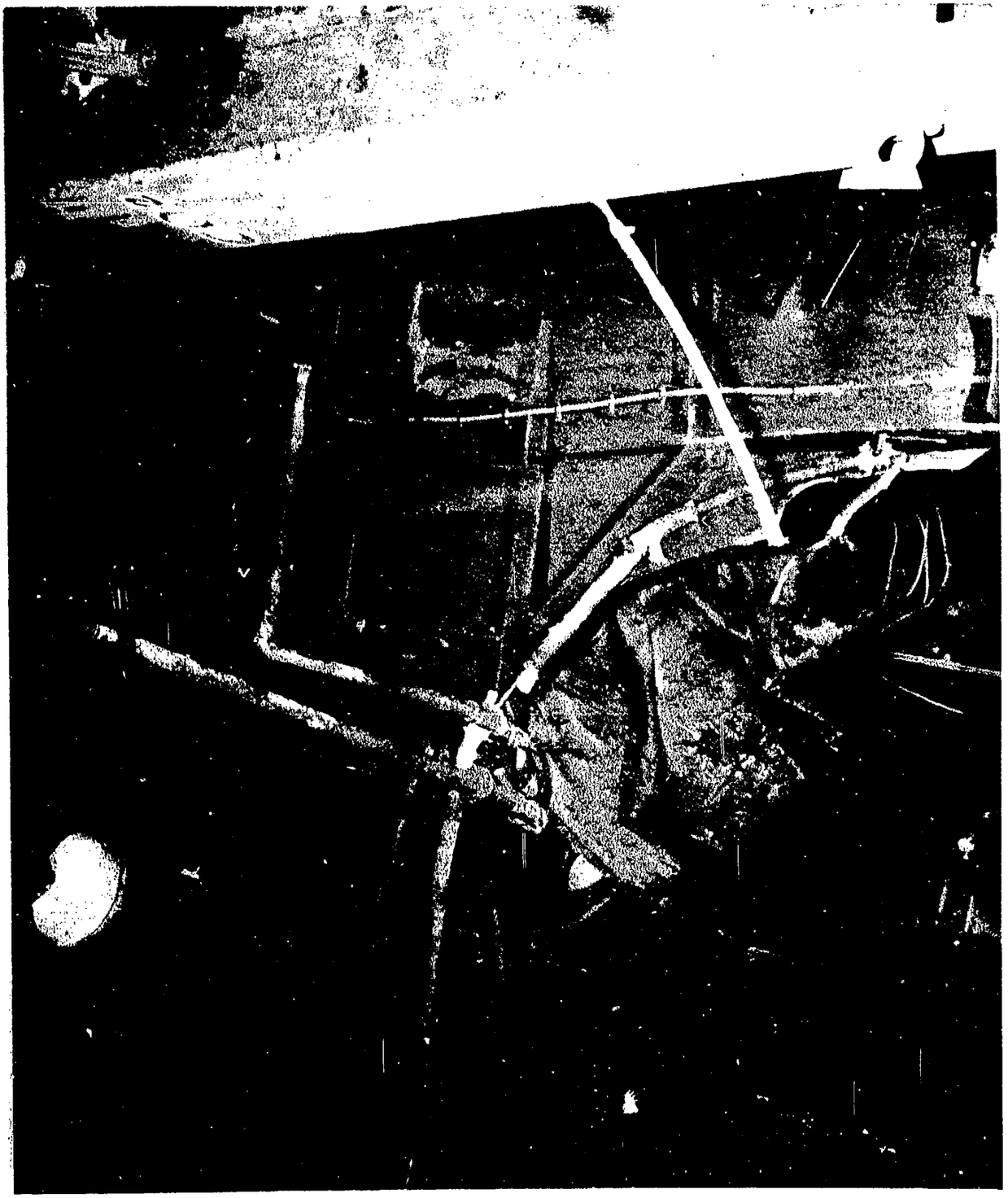
AA-CR-100-2199-10. Tear in hangar deck and side plating, port side just aft of bent 56, looking down. View shows repairs made prior to Test B.



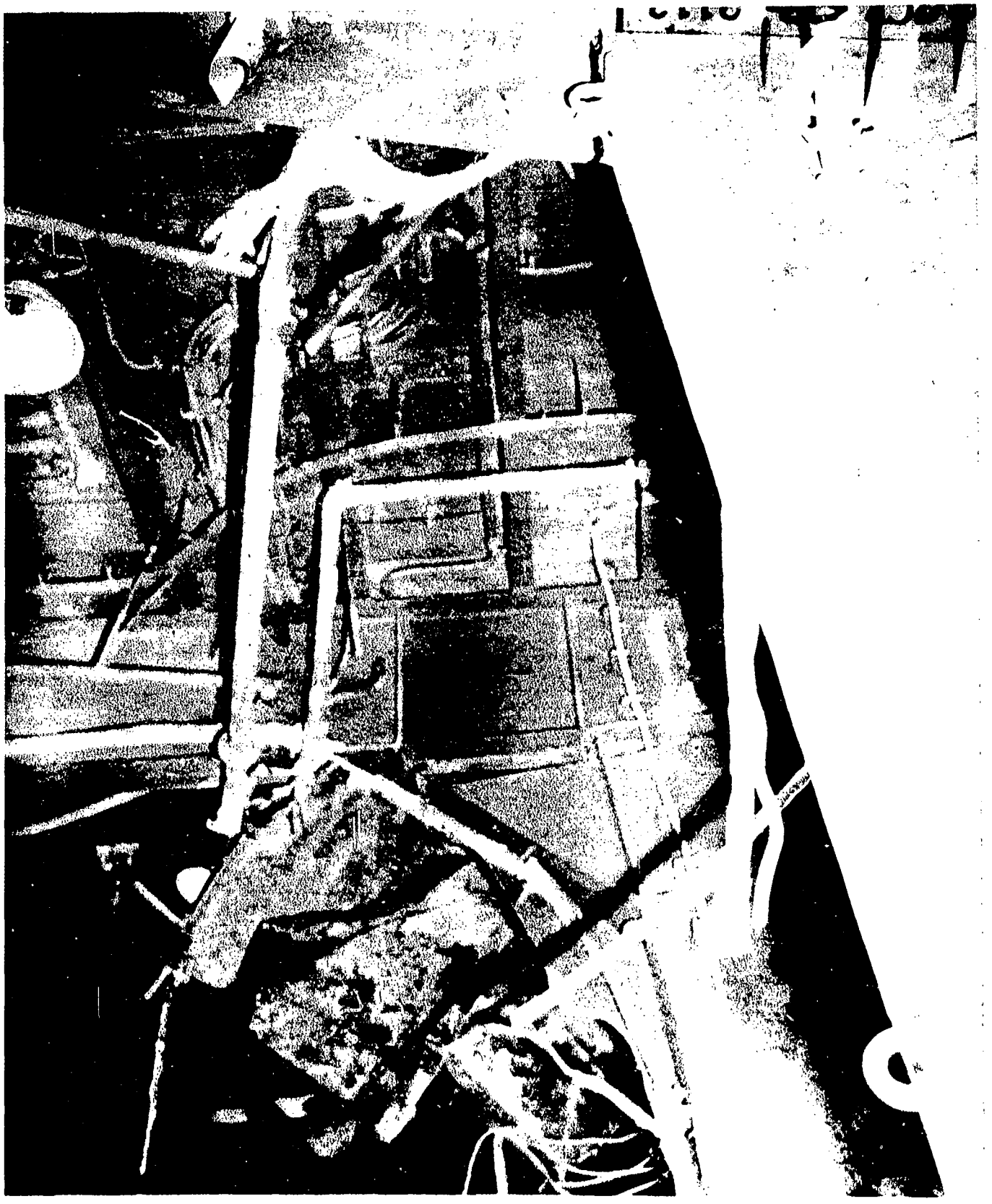
AA-CR-175-2119-6. Flight deck Bent 56, port side. Failure of weld at overhead connection. Looking aft.



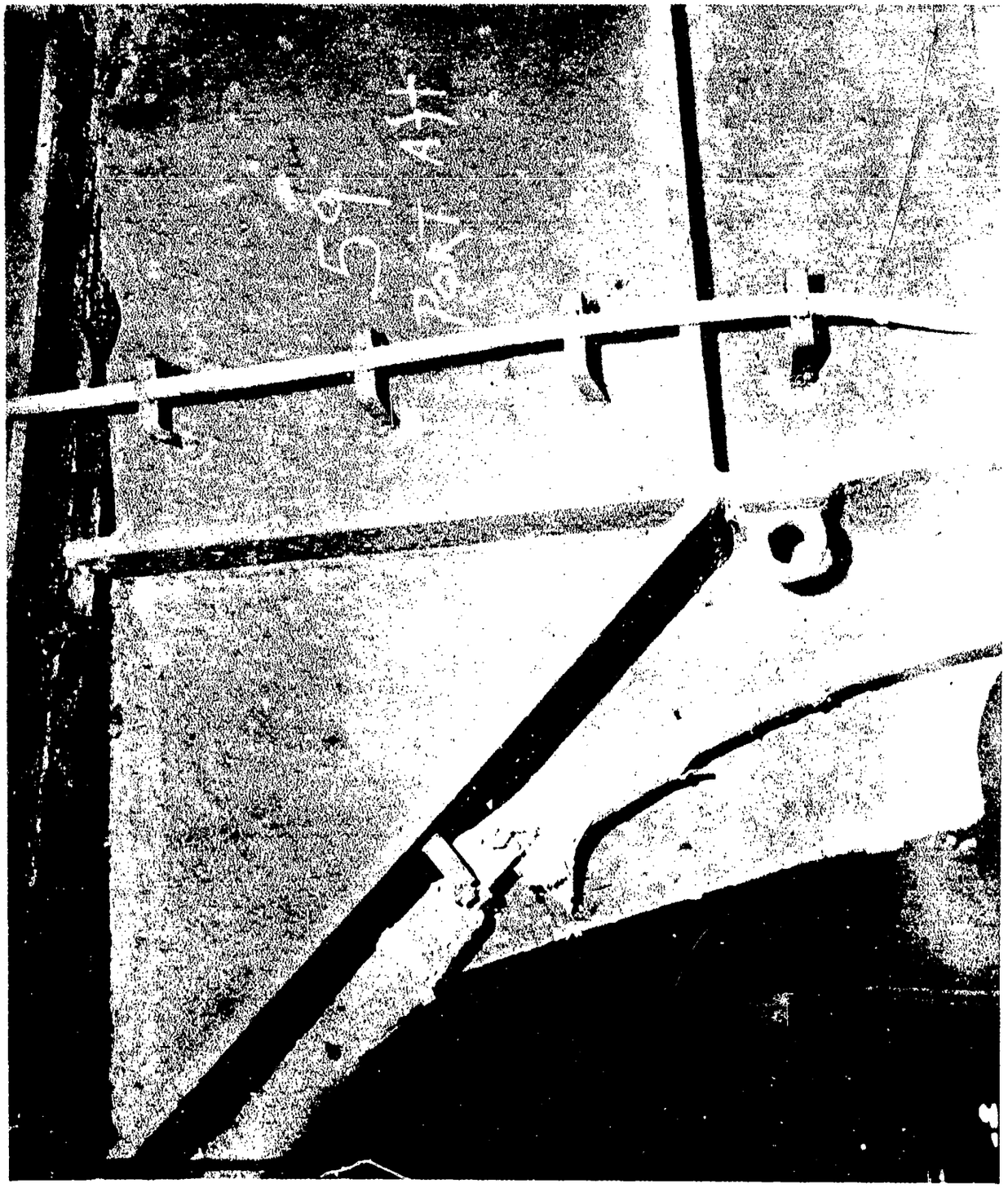
AA-CR-59-2217-7. Flight deck Bent 56, port side. Weld fracture at overhead connection. Looking forward.



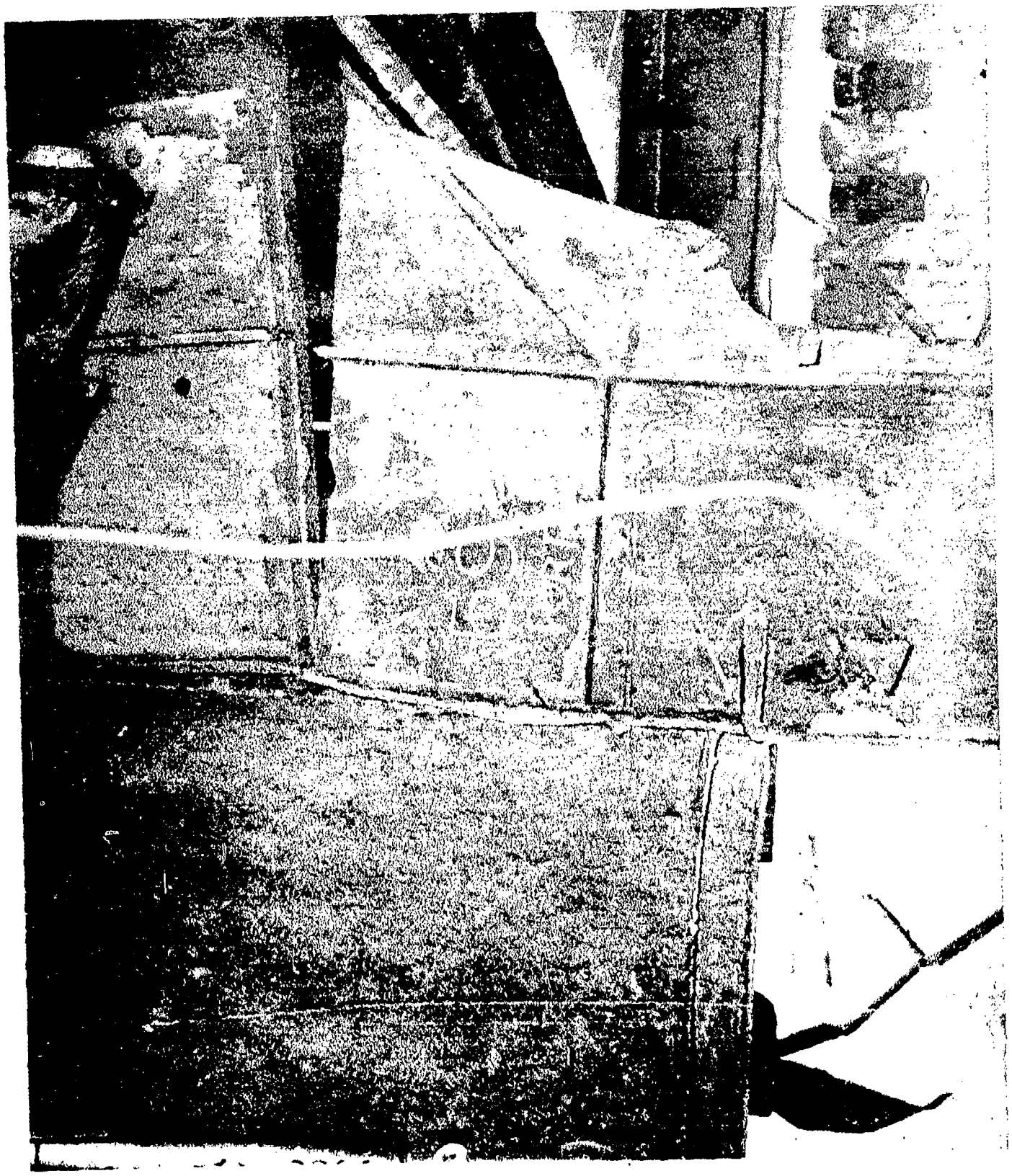
AA-CR-175-2119-7. Flight deck Bent 59, port side. Failure of overhead connection in weld. Looking aft.



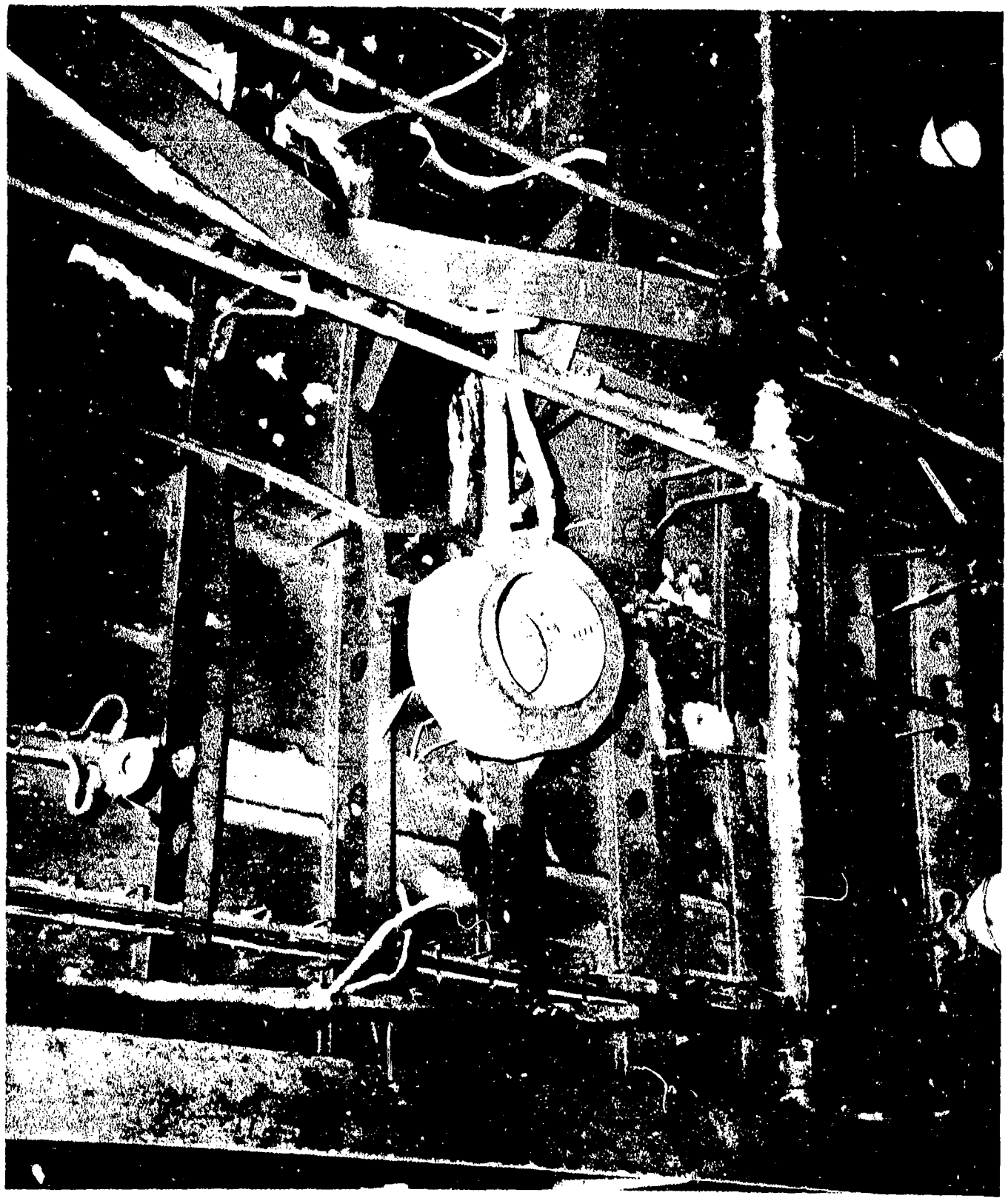
AA-CR-59-2113-9. Flight deck Bents 56 and 59, port side. Failure of overhead connections in welds. Looking aft.



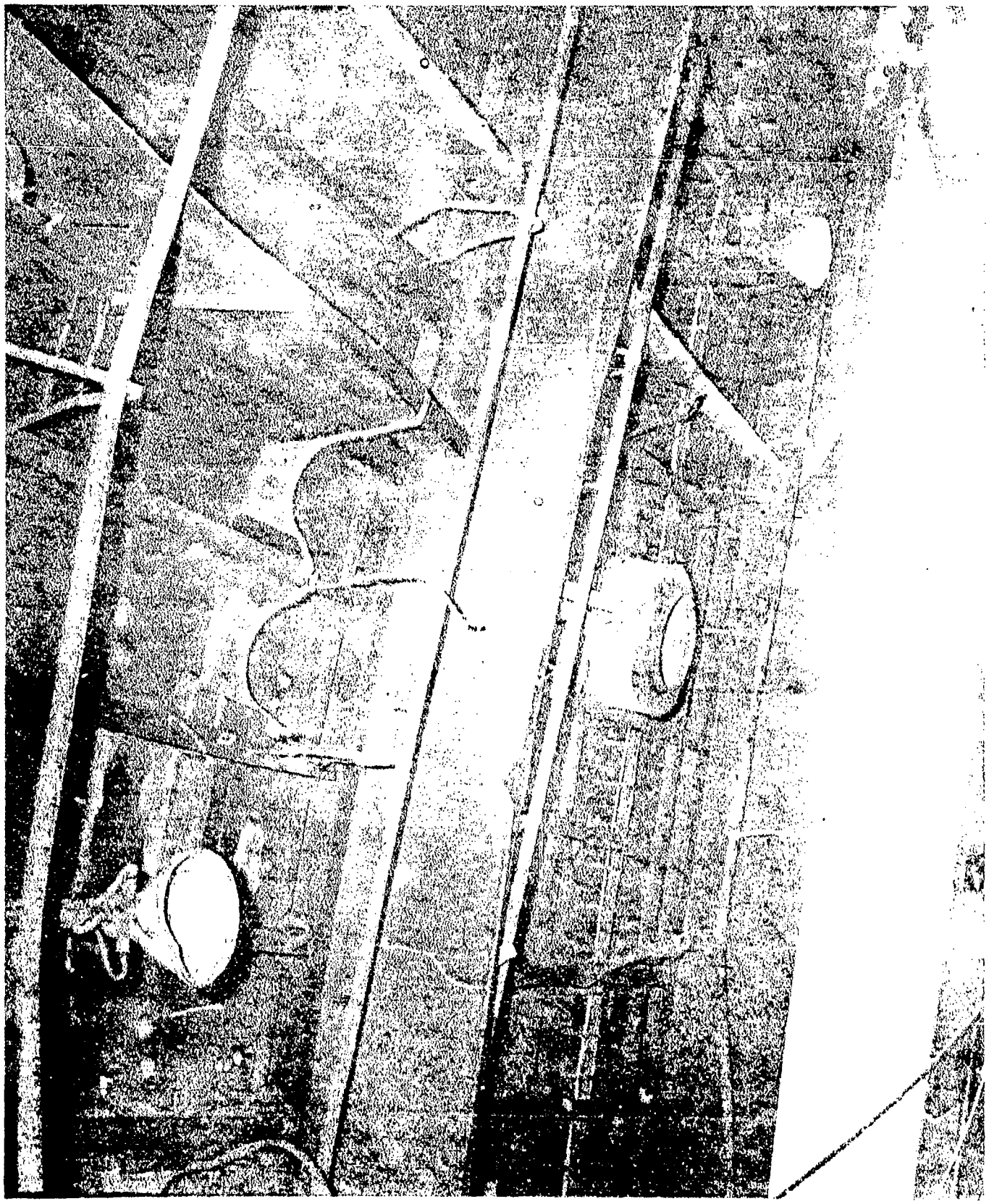
AA-CR-59-2217-8. Flight deck Bent 59, port side. Weld fracture at overhead connection. Looking aft.



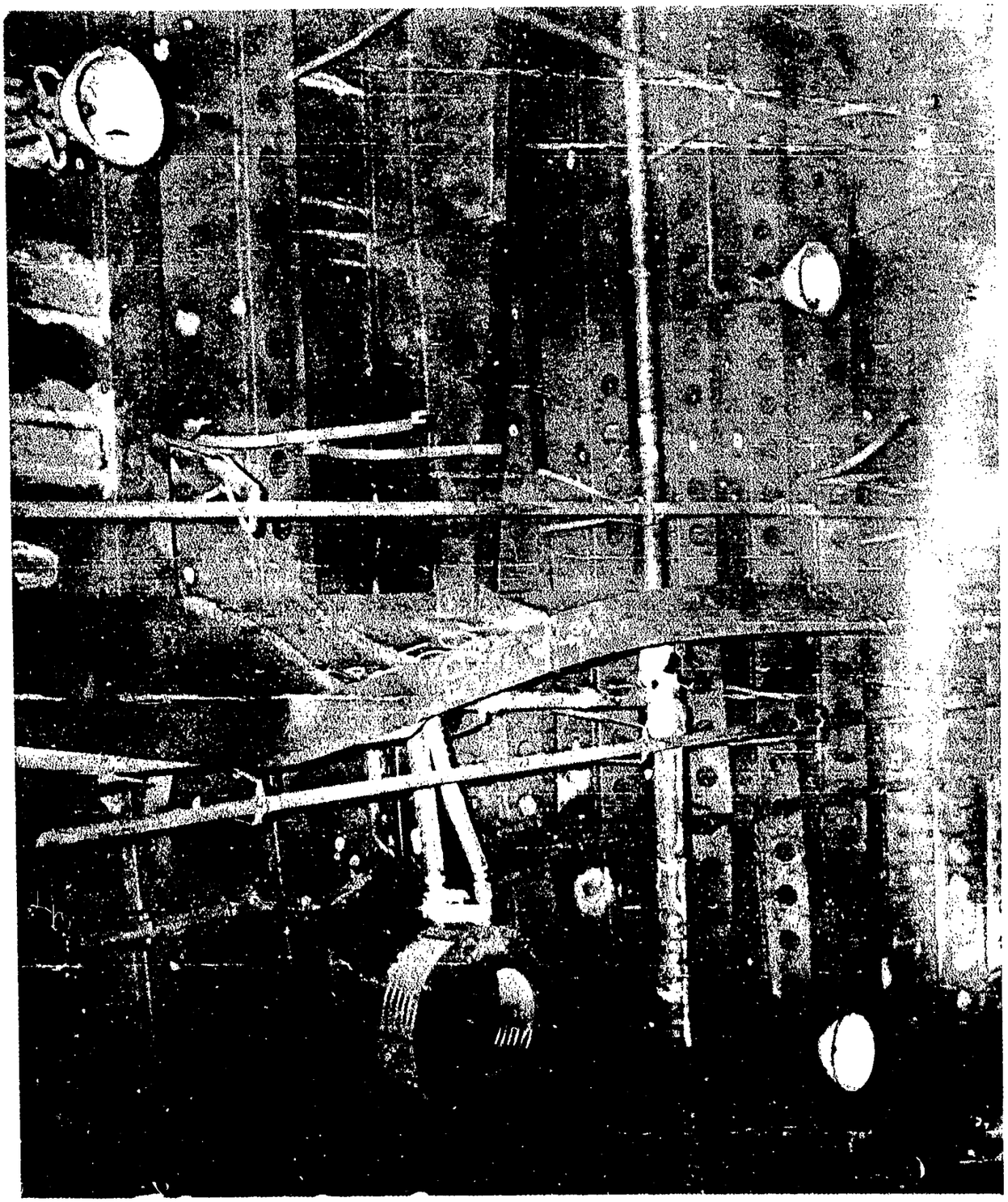
AA-CR-59-2222-8. Flight deck Bent 59, port side. Failure of overhead connection in weld. Looking forward.



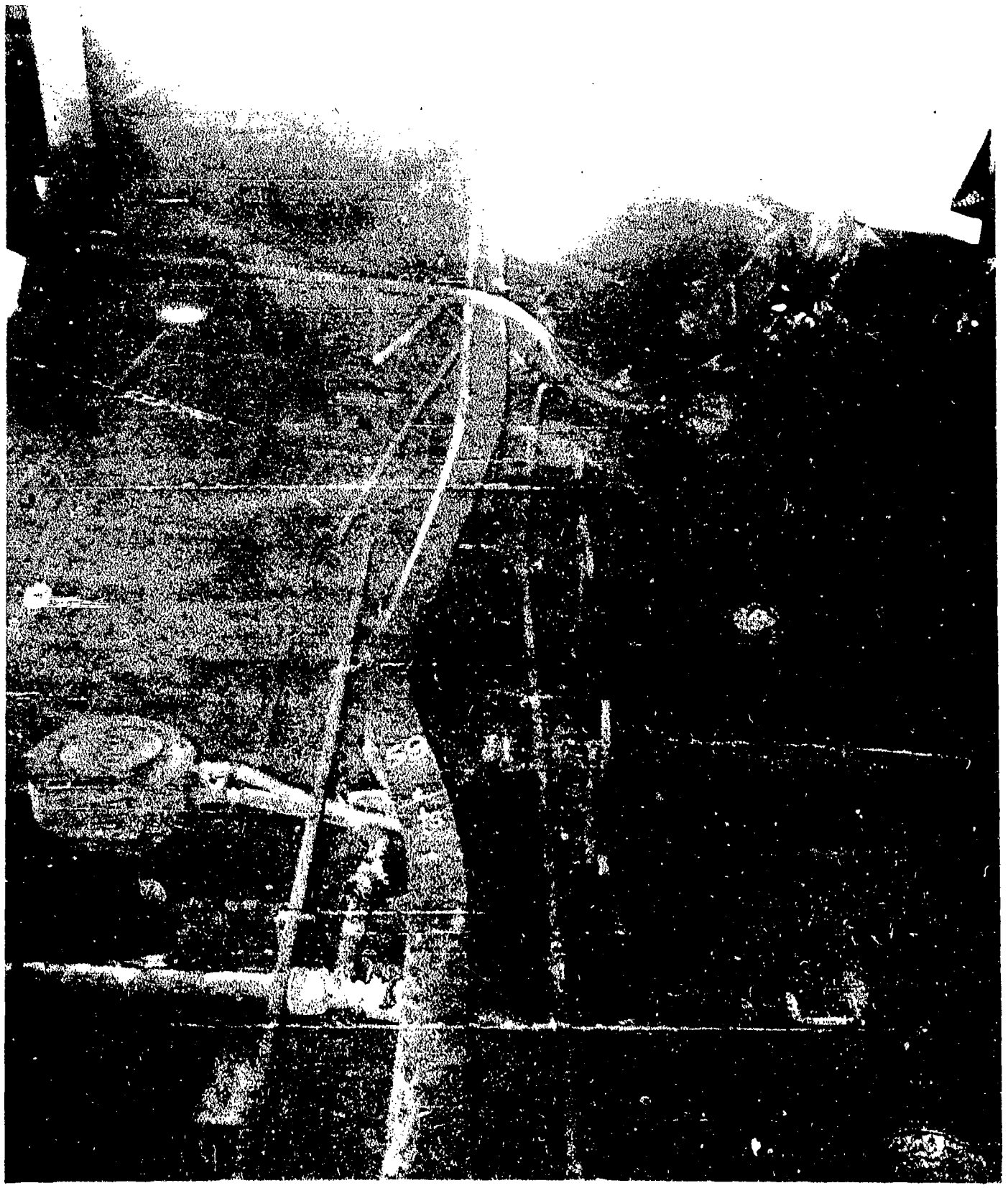
AA-CR-82-2119-5. Centerline joint, flight deck bent 59, looking aft and to starboard from bent 56.



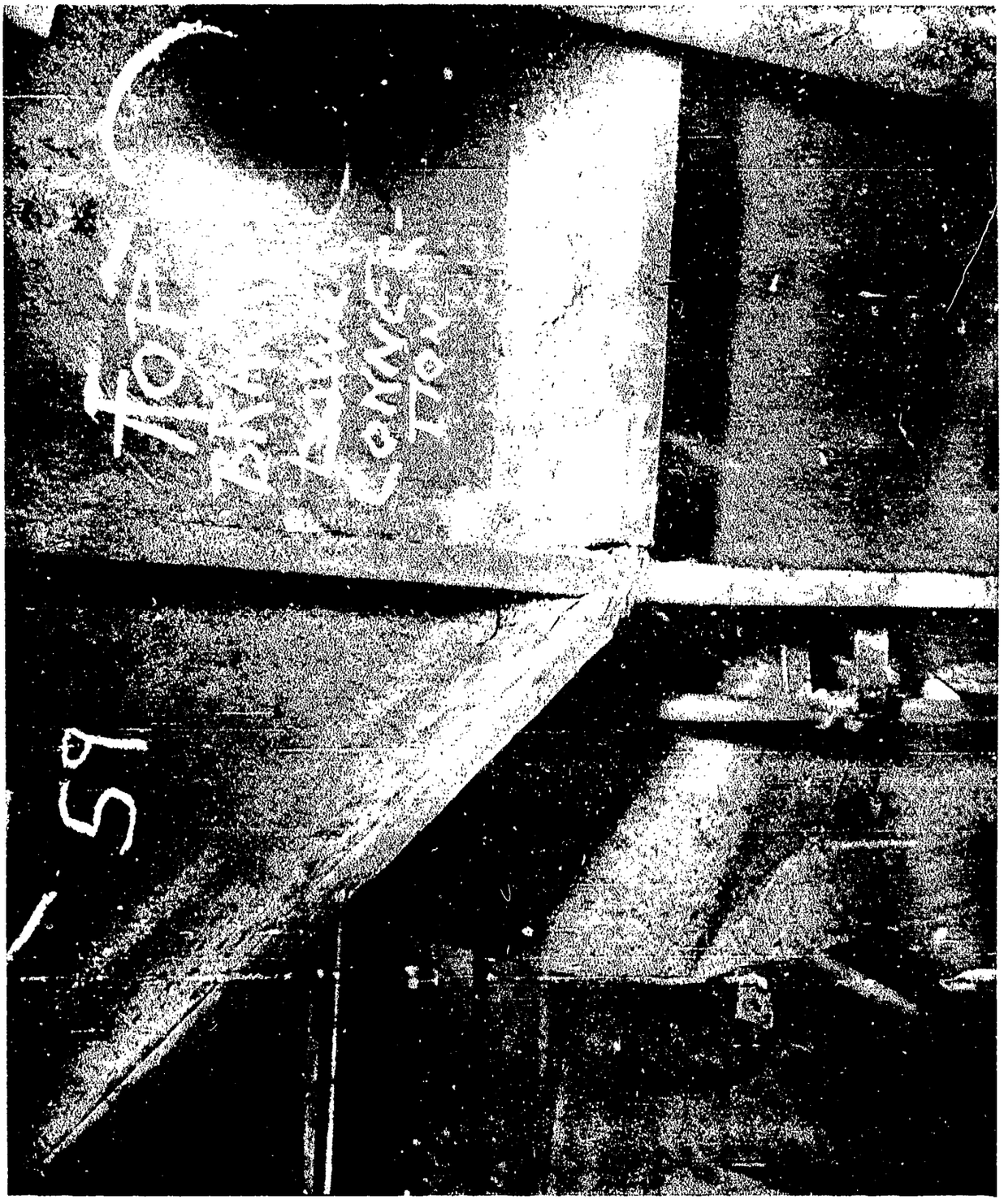
AA-CR-59-2217-10. Flight deck bent 59 looking forward, showing buckle in girder near centerline.



AA-CR-59-2217-9. Flight deck Bent 59. Looking up and to starboard.



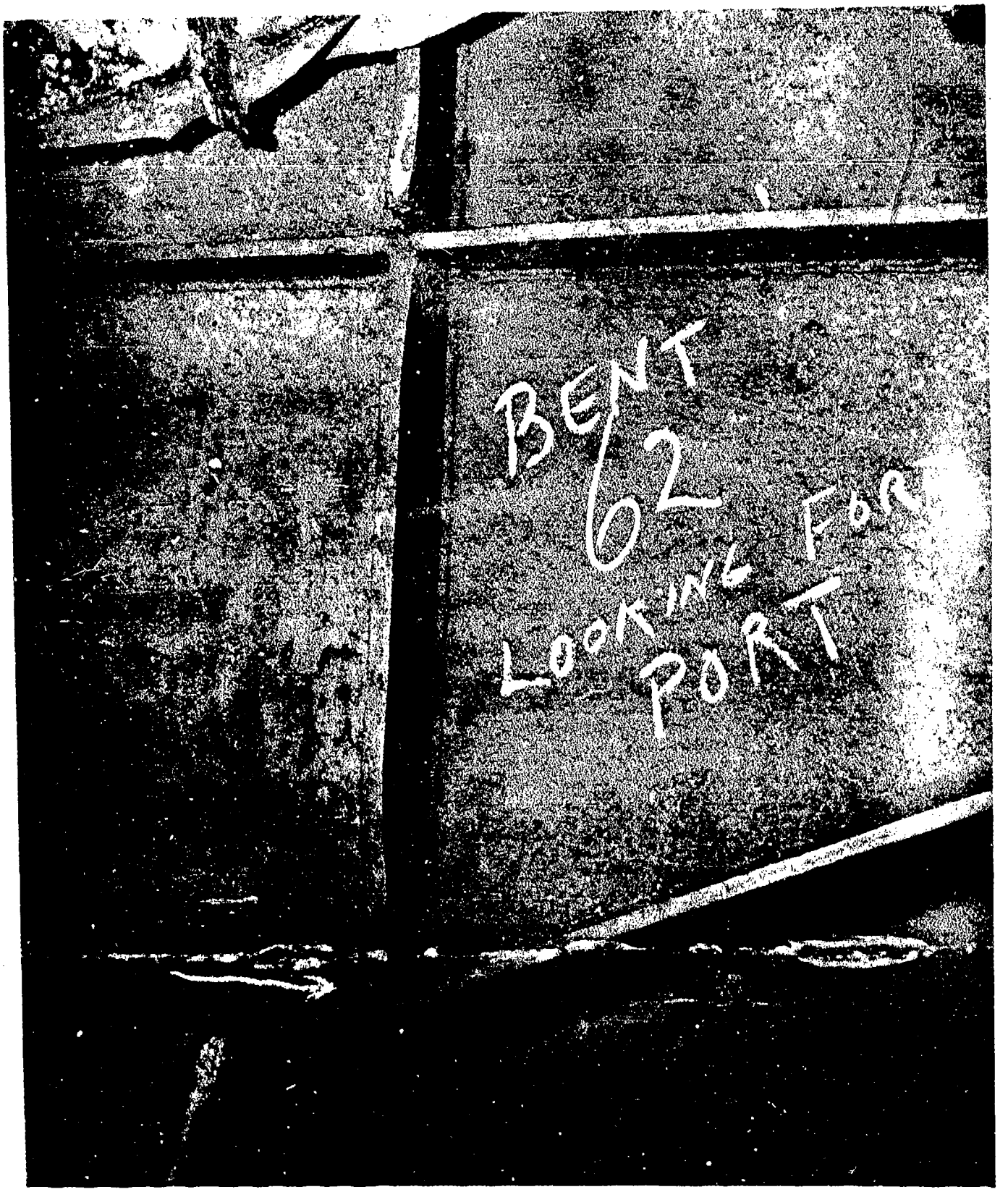
AA-CR-59-4162-4. Underside of flight deck showing damage to Bent 59, looking to port,



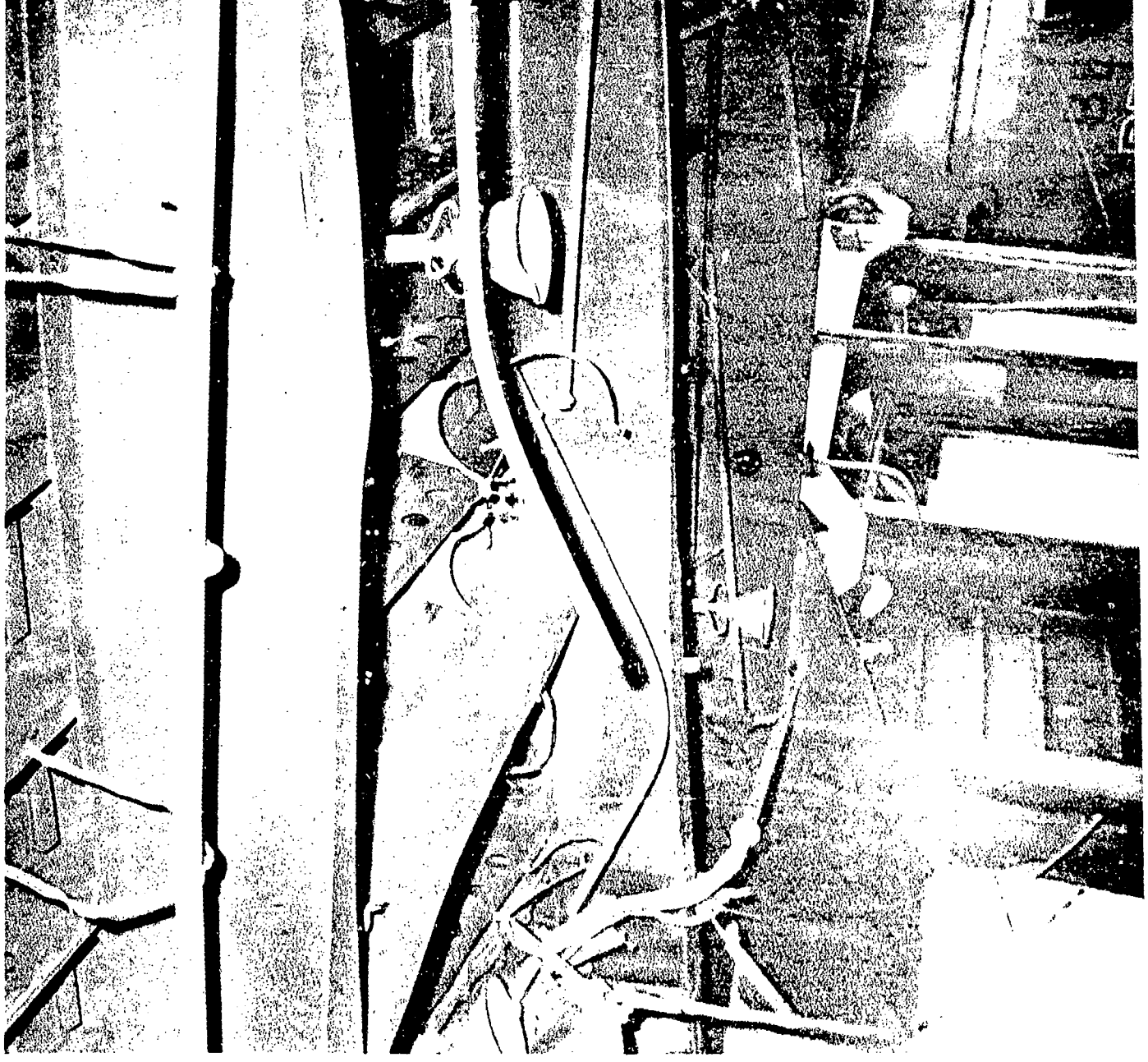
AA-CR-59-2222-3. Flight deck Bent 59, starboard side. Fracture in weld joining tripping bracket to vertical member. Looking forward.



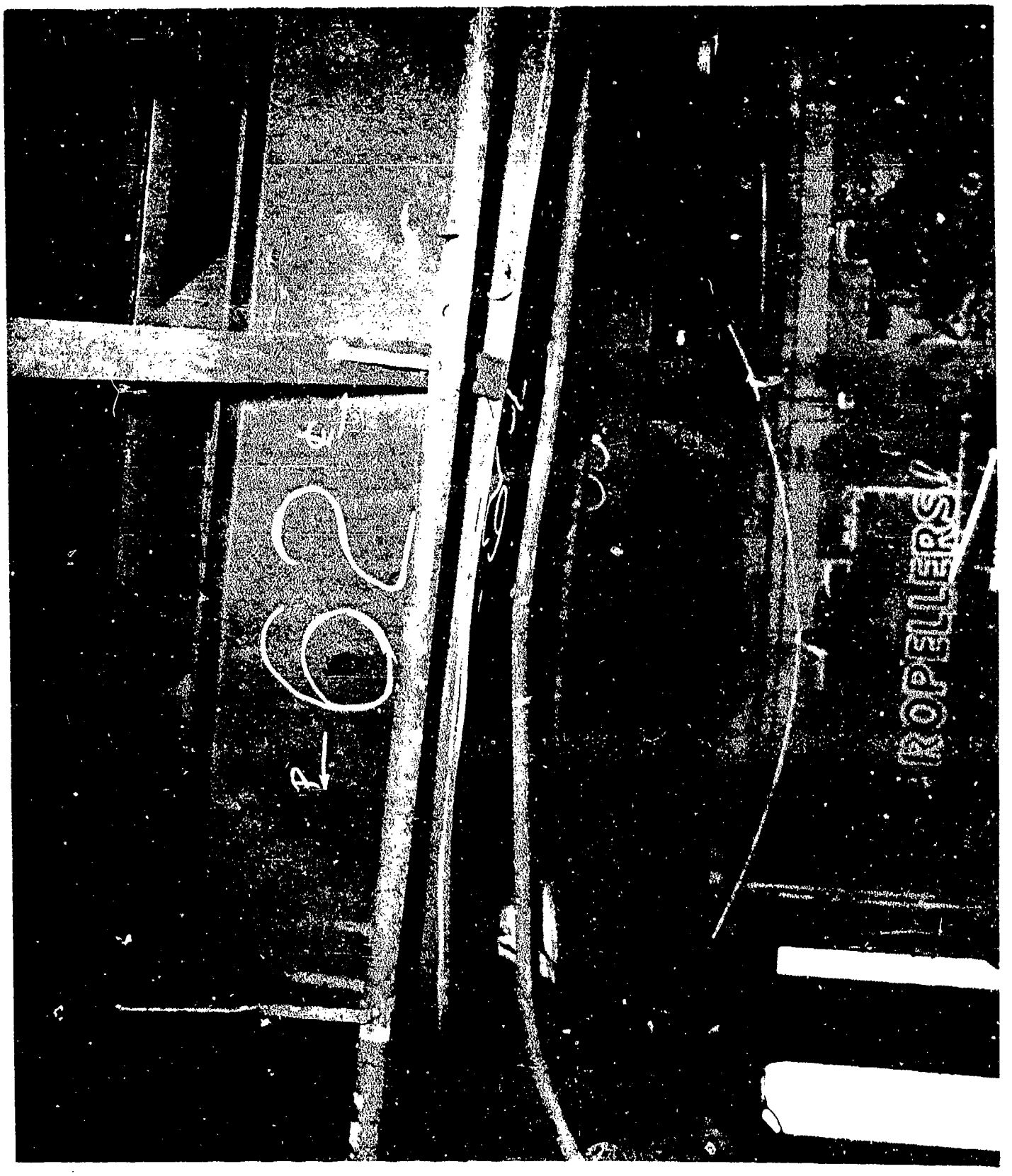
AA-CR-65-1736-3. Uptake No. 1, hangar deck, starboard side, between Benis 59 and 62. Looking outboard.



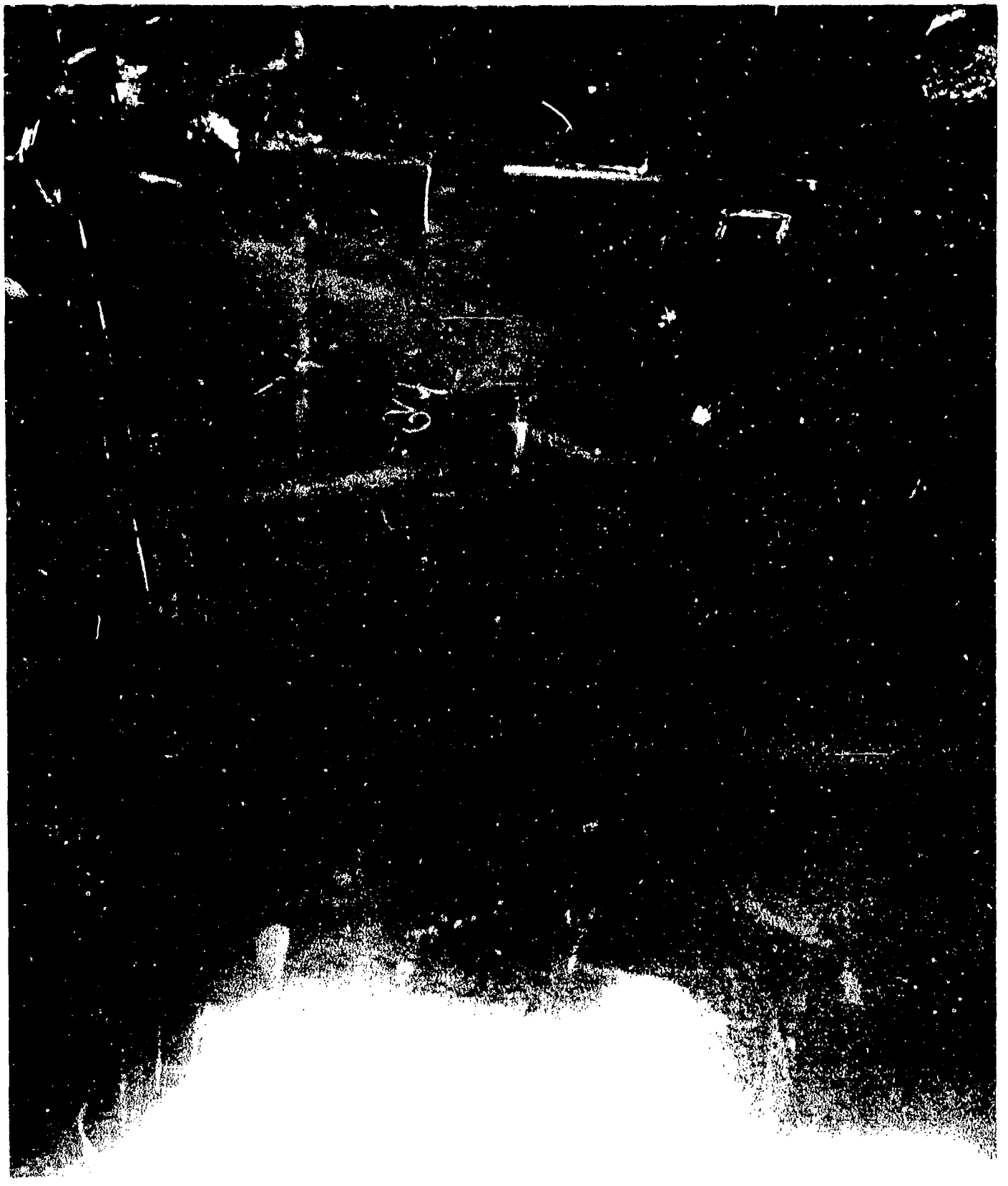
AA-CR-59-2222-9. Flight deck Wobble Bent 62. Port side, looking forward. Column of bent is missing. Note that arrows point to failure of welds.



AA-CR-59-2227-6. Flight deck girders, Bents 62 and 59, port side, looking forward. Note break between flange and web, Bent 62.



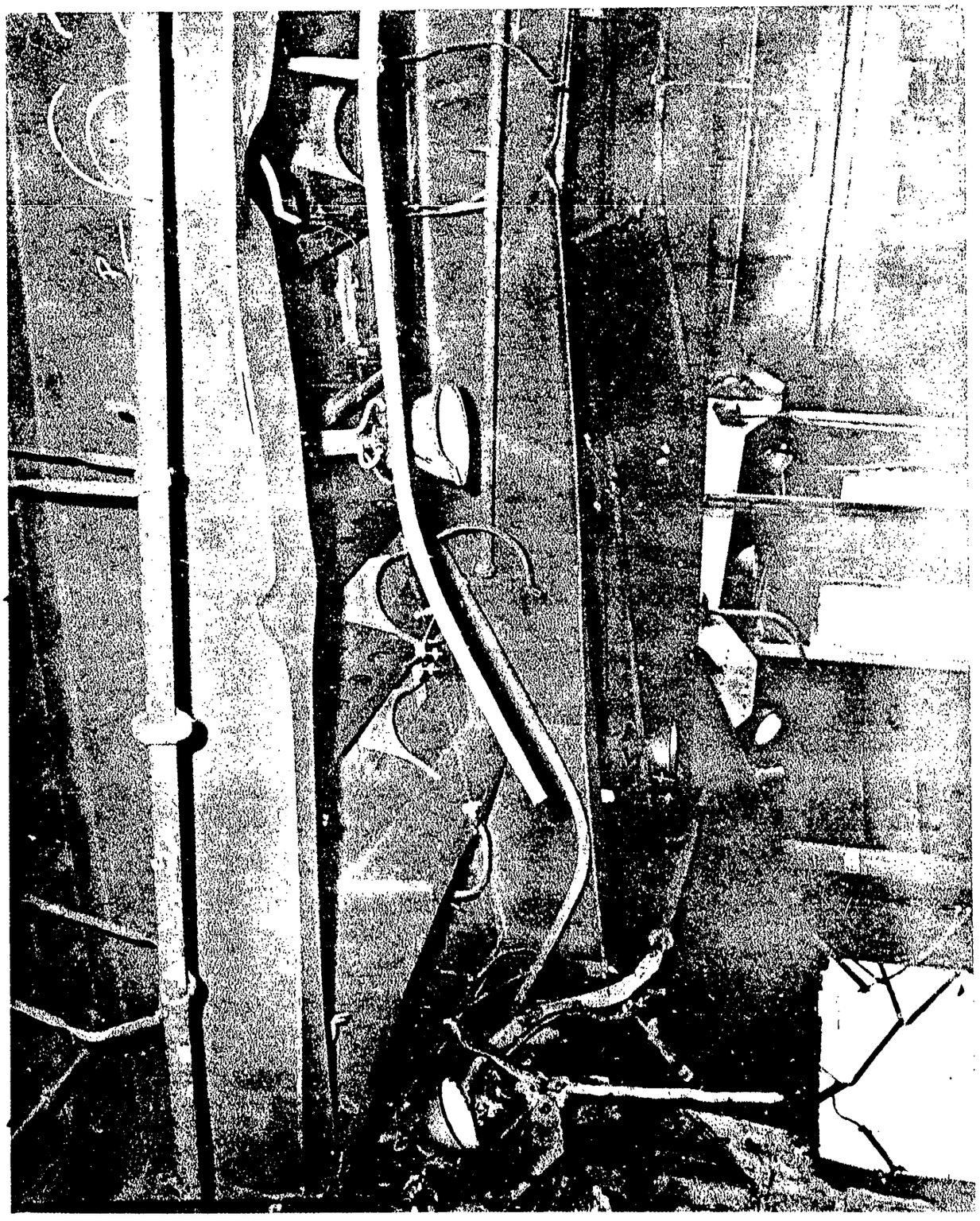
AA-CR-59-2222-1. Flight deck Bent 62, port side, looking forward. Note ripples in lower flange.



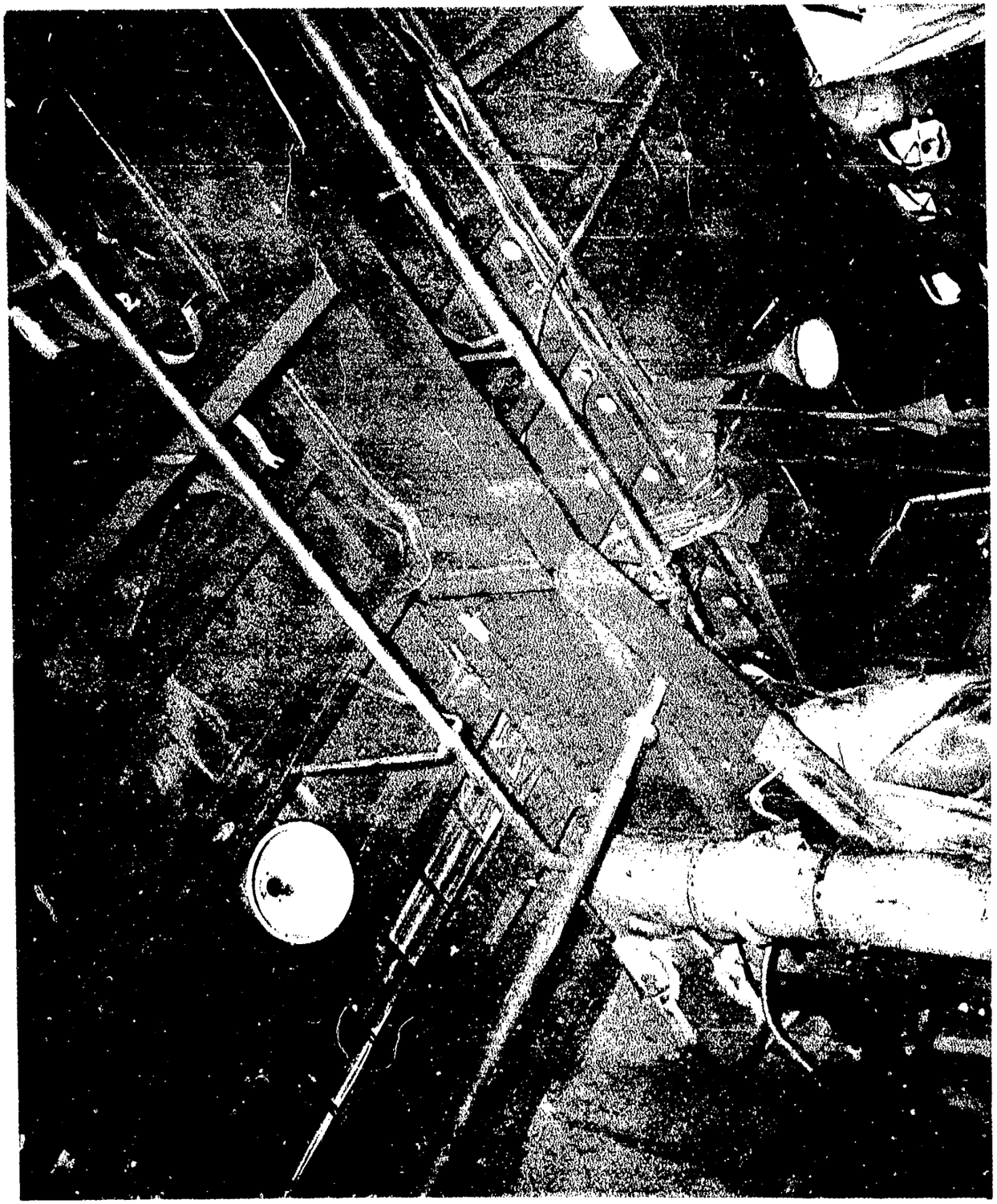
AA-CR-100-4162-5. Underside of flight deck, looking to port at Bent 62. Note longitudinal distortion of girder.



AA-CR-59-2222-7. Flight deck Bent girder 62, looking up and to starboard.



AA-CR-59-2227-7. Flight deck bents, looking forward and to port from Bent 65.



AA-CR-175-2119-8. Flight deck Wobble Bent 62, starboard side, looking aft from Bent 59. Note kinks in web and top flange of girder just inboard of bracket.



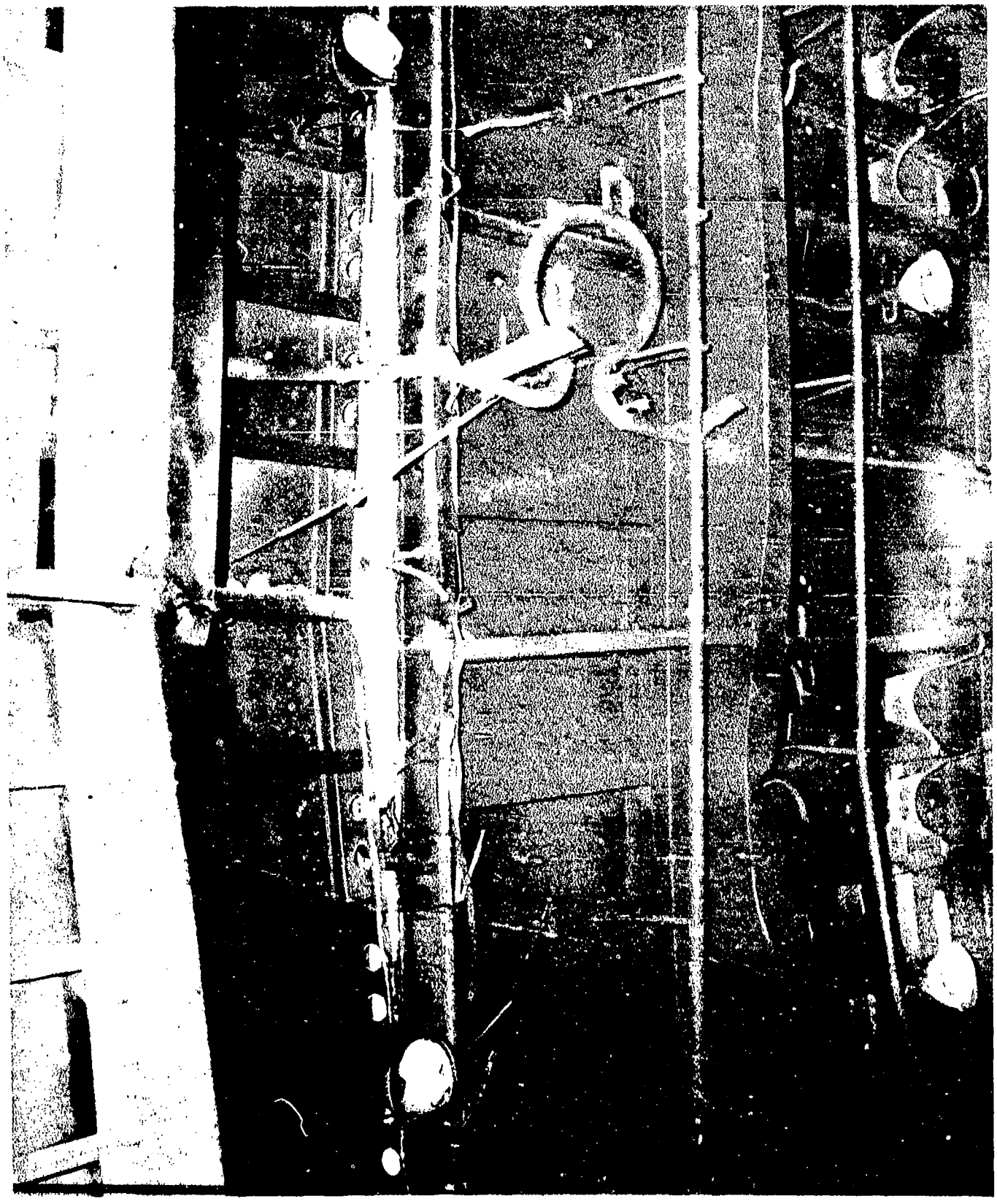
AA-CR-59-2222-4. Flight deck Wobble Bent 62, starboard side. Failure of riveted and welded joints in deck connection plate.



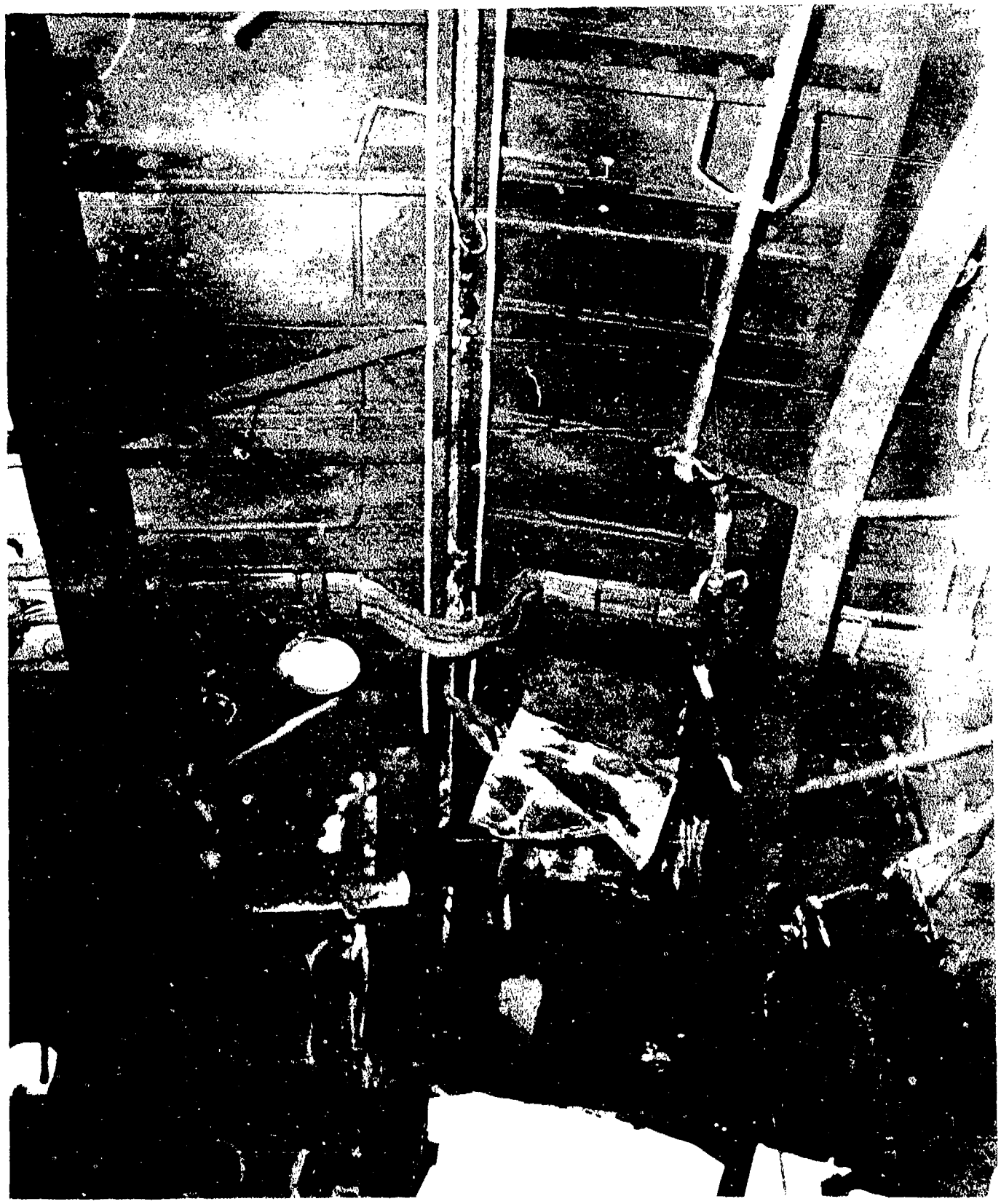
AA-CR-100-2199-12. Flight deck Wobble Bent 62, starboard side. Failure of weld joining Bent and deck connection plate. Looking forward.



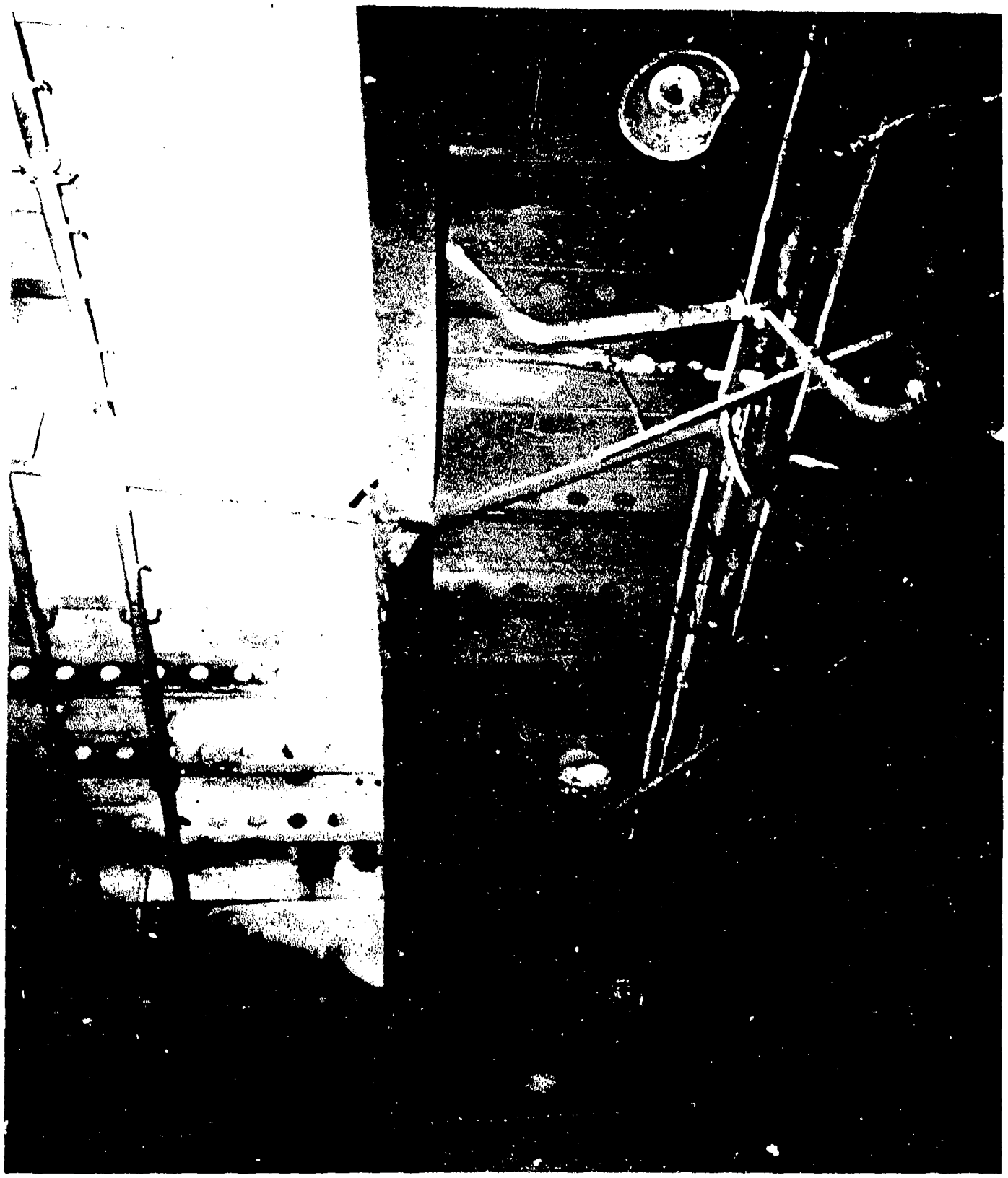
AA-CR-59-2222-2. Flight deck Bent 65, centerline, looking forward. Note joint failure and tear in flight deck plating.



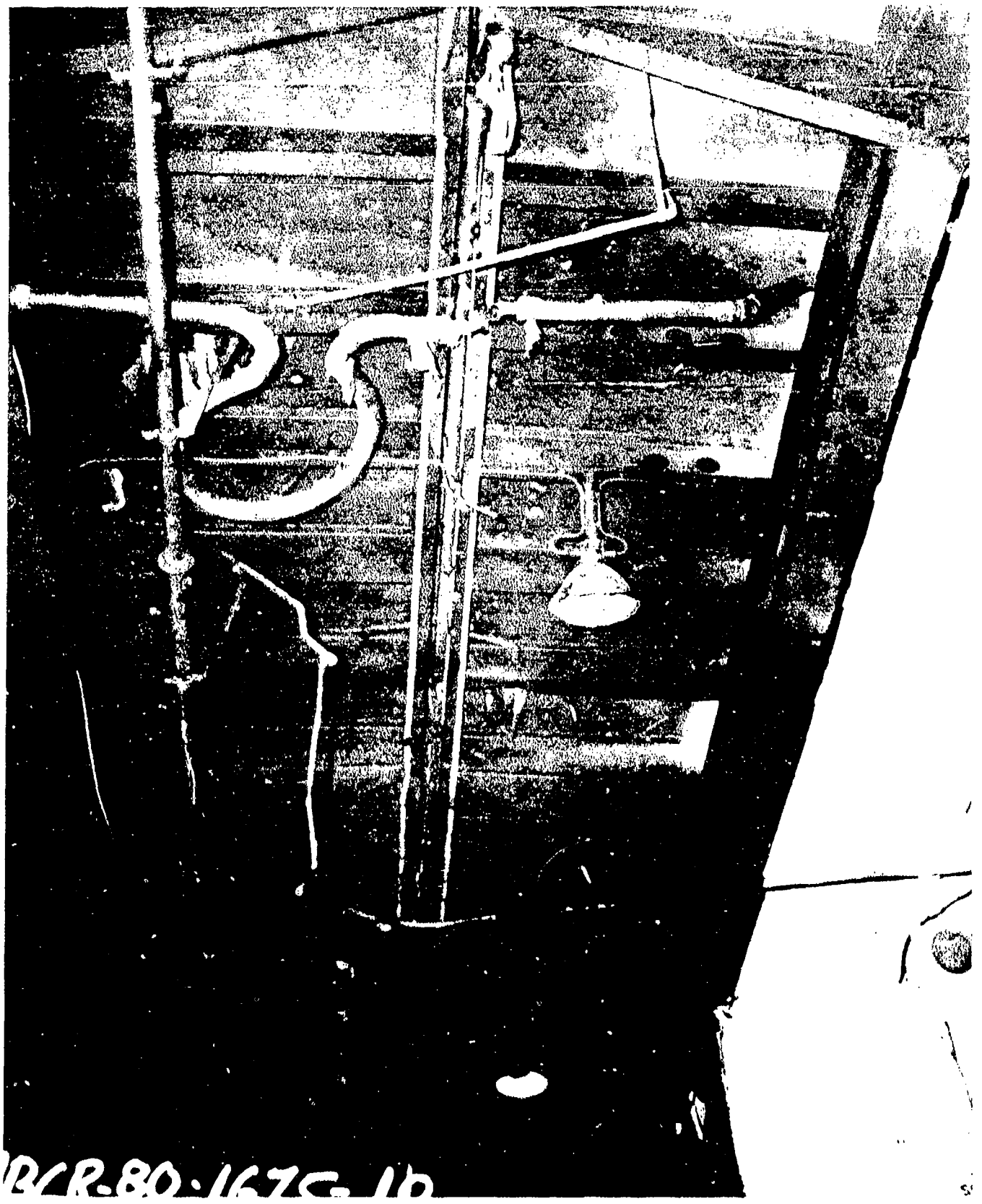
AA-CR-175-2119-4. Flight deck Bents 62 and 65. General view along centerline. Looking forward from Bent 68. Note expansion joint opening at frame 63 1/2.



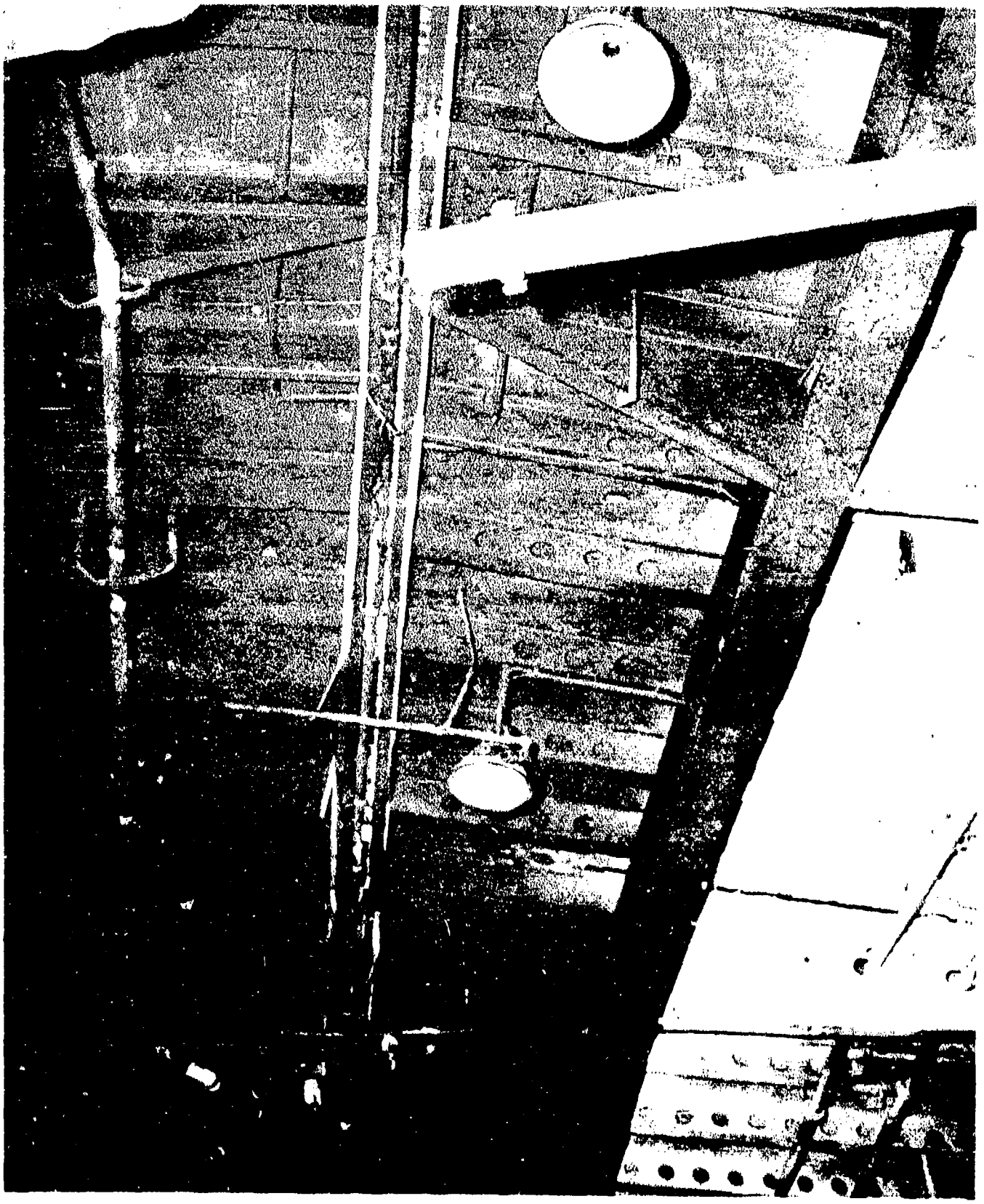
AA-CR-80-1675-12. After Baker. Flight deck expansion joint at frame 63 1/2. Looking to port.



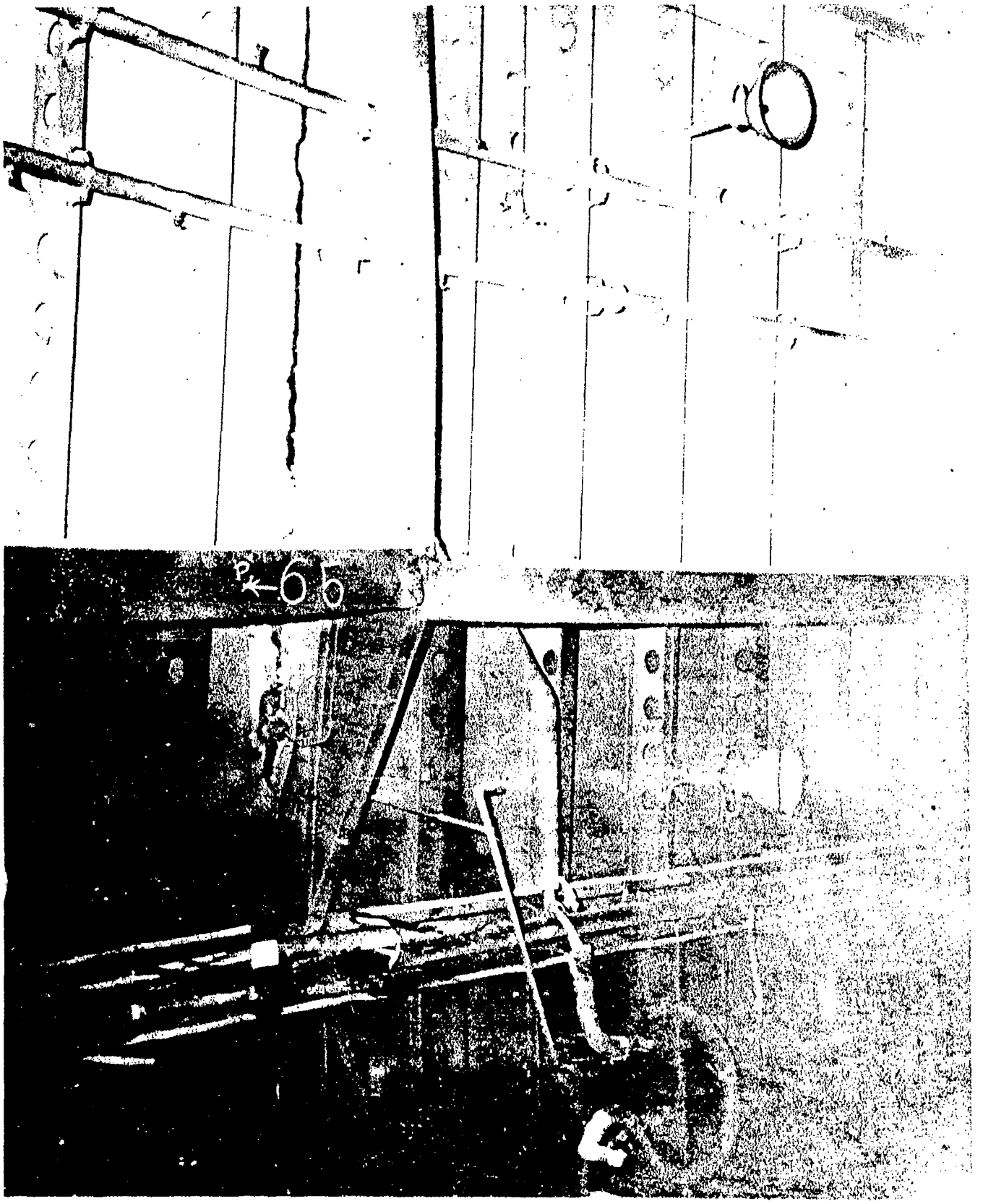
AA-CR-100-4162-6. Flight deck Wobble Bem 65. Failure of welded connection at centerline of girder flange. Looking to port.



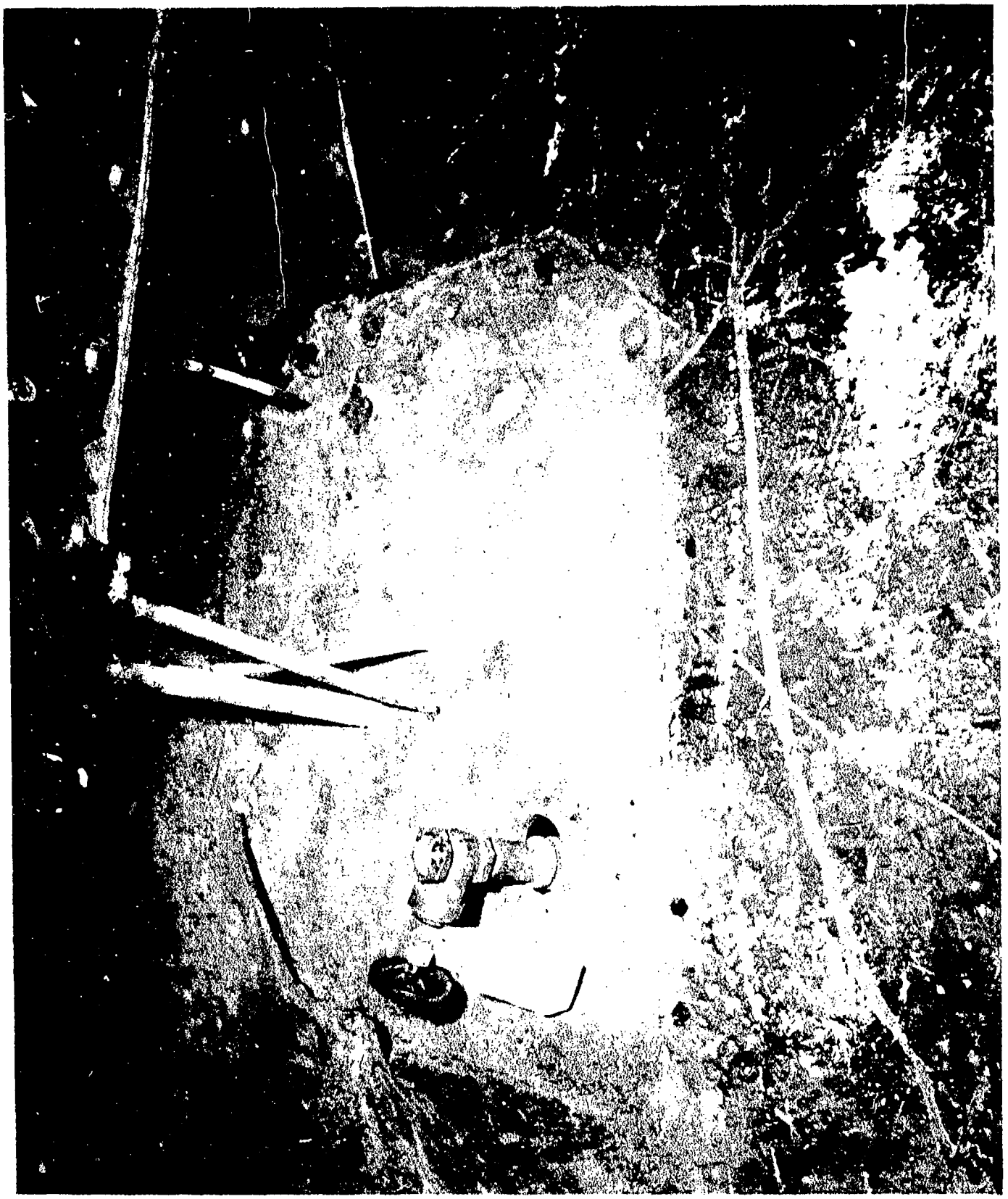
AB-CR-80-1675-10. After Baker. Flight deck expansion joint at frame 63 1/2. Looking to starboard.



AB-CR-80-1675-11. After Baker. Flight deck expansion joint at frame 63 1/2, looking from port side to starboard, showing centerline bracket.



AA-CR-59-2217-12. Flight deck Wobble Bent 65, centerline. Failure of welded girder flange. Looking upward and to starboard.



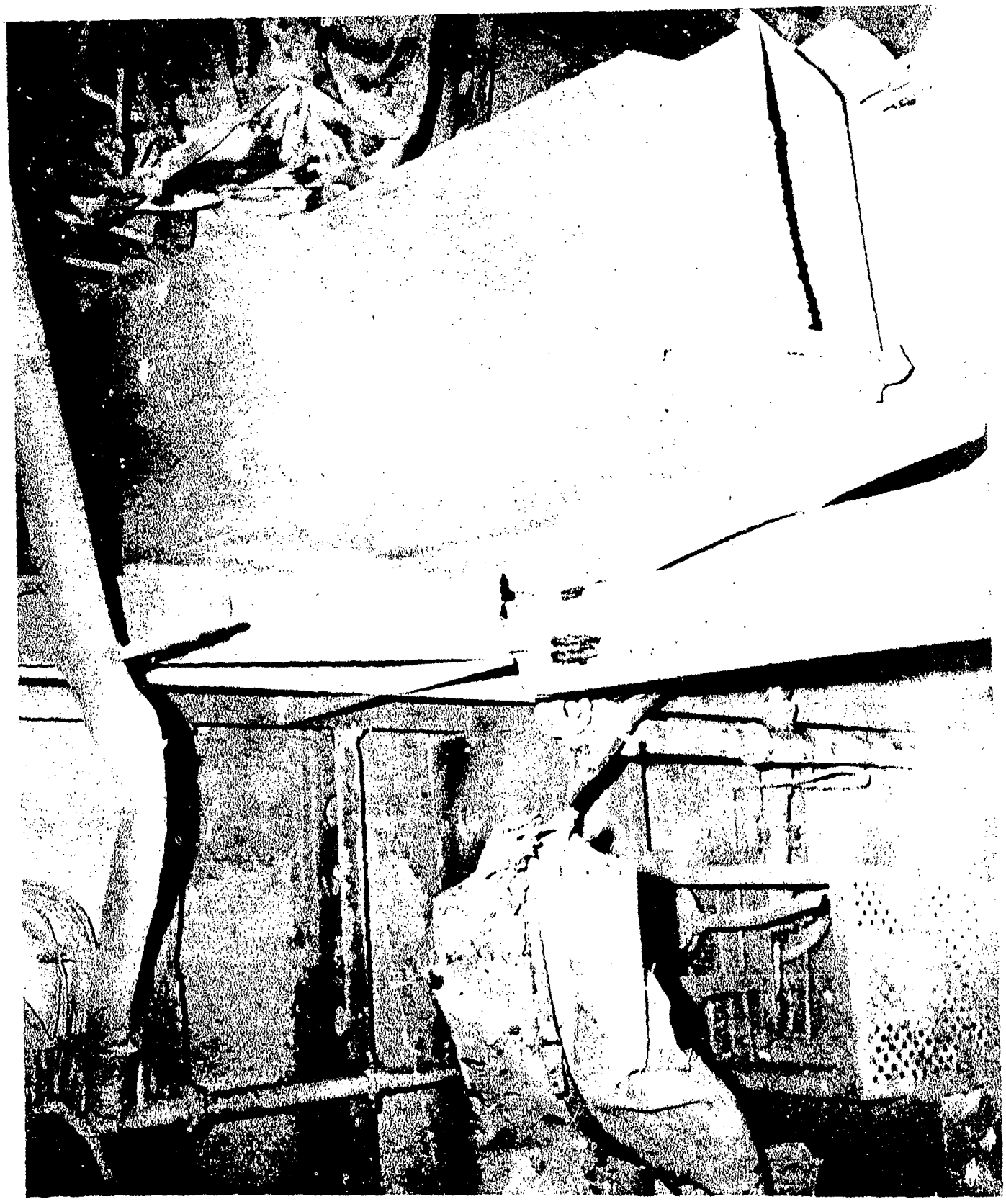
AA-CR-100-4160-11. Failure of deck pad, Wobble Bent 65, port side looking forward.



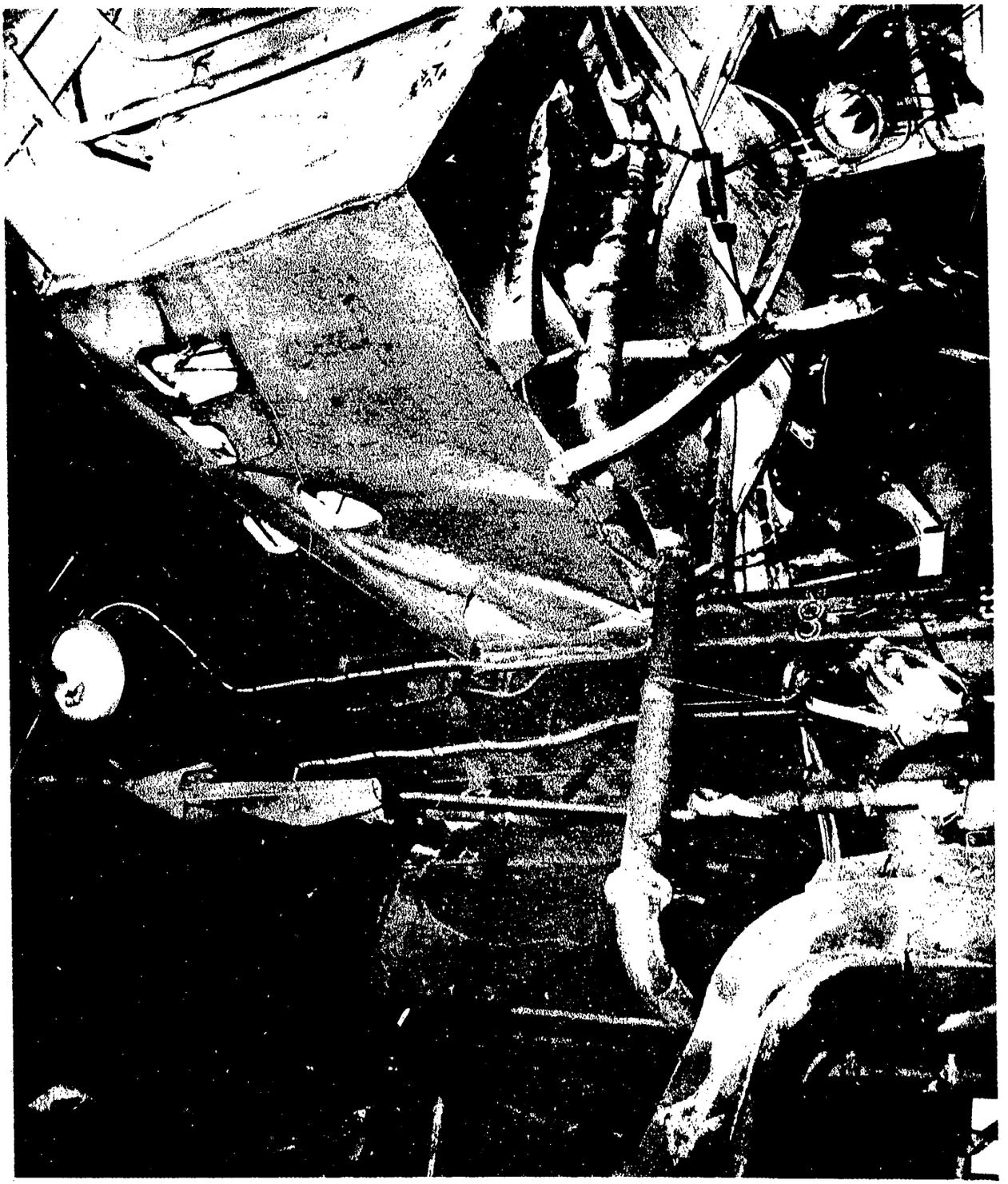
AA-CR-175-2119-10. Flight deck Wobble Bent 65, port side. Failure of riveted and welded joints in deck connection plate. Looking aft.



AA-CR-59-2222-11. Flight deck Wobble Bent 65, port side. Failure of overhead connection resulting from fractured weld at lower edge of bracket. Looking forward.



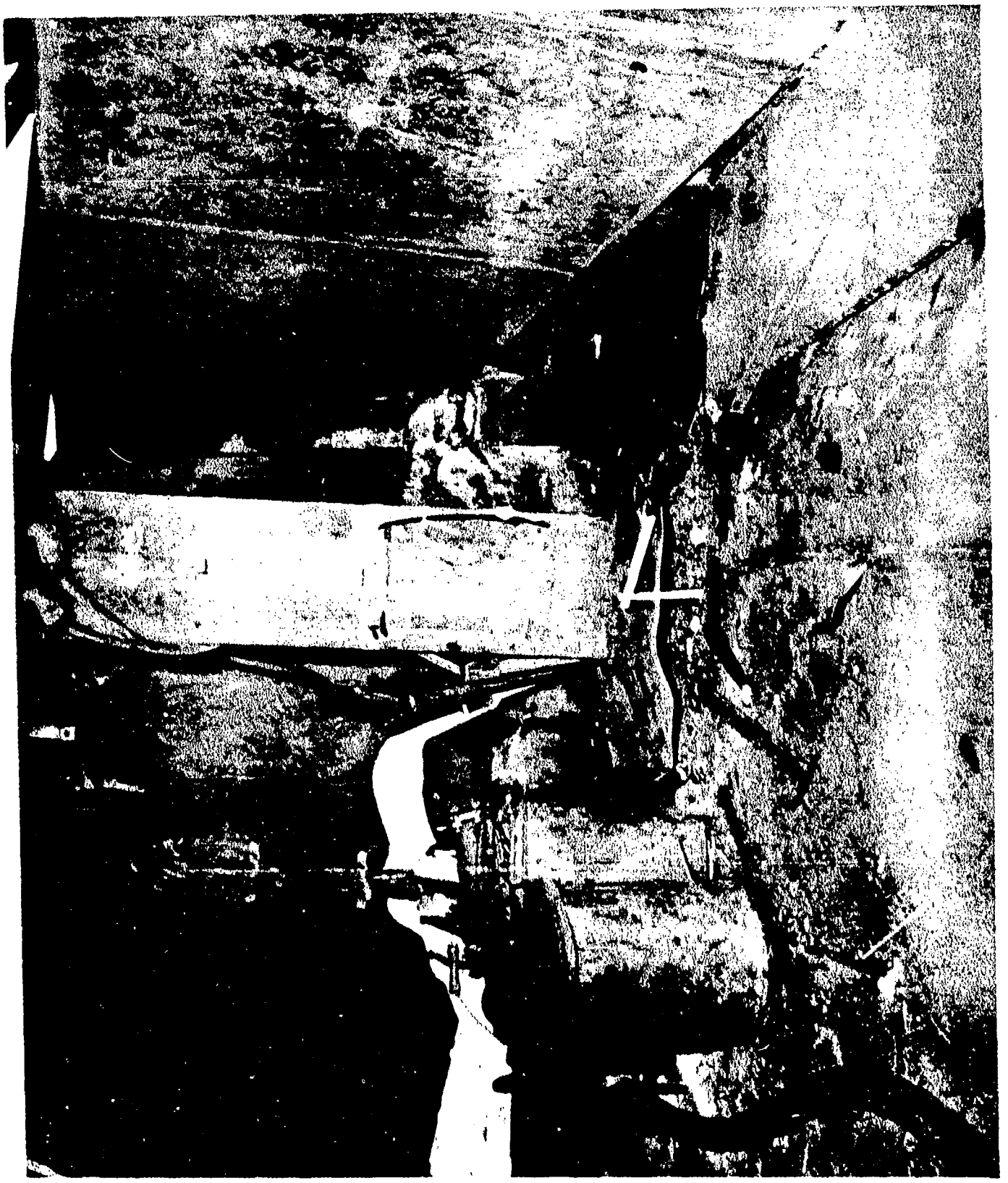
AA-CR-175-2119-11. Flight deck Wobble Bent 65, port side. Failure of overhead connection resulting from fractured weld at lower edge of bracket. Looking to port.



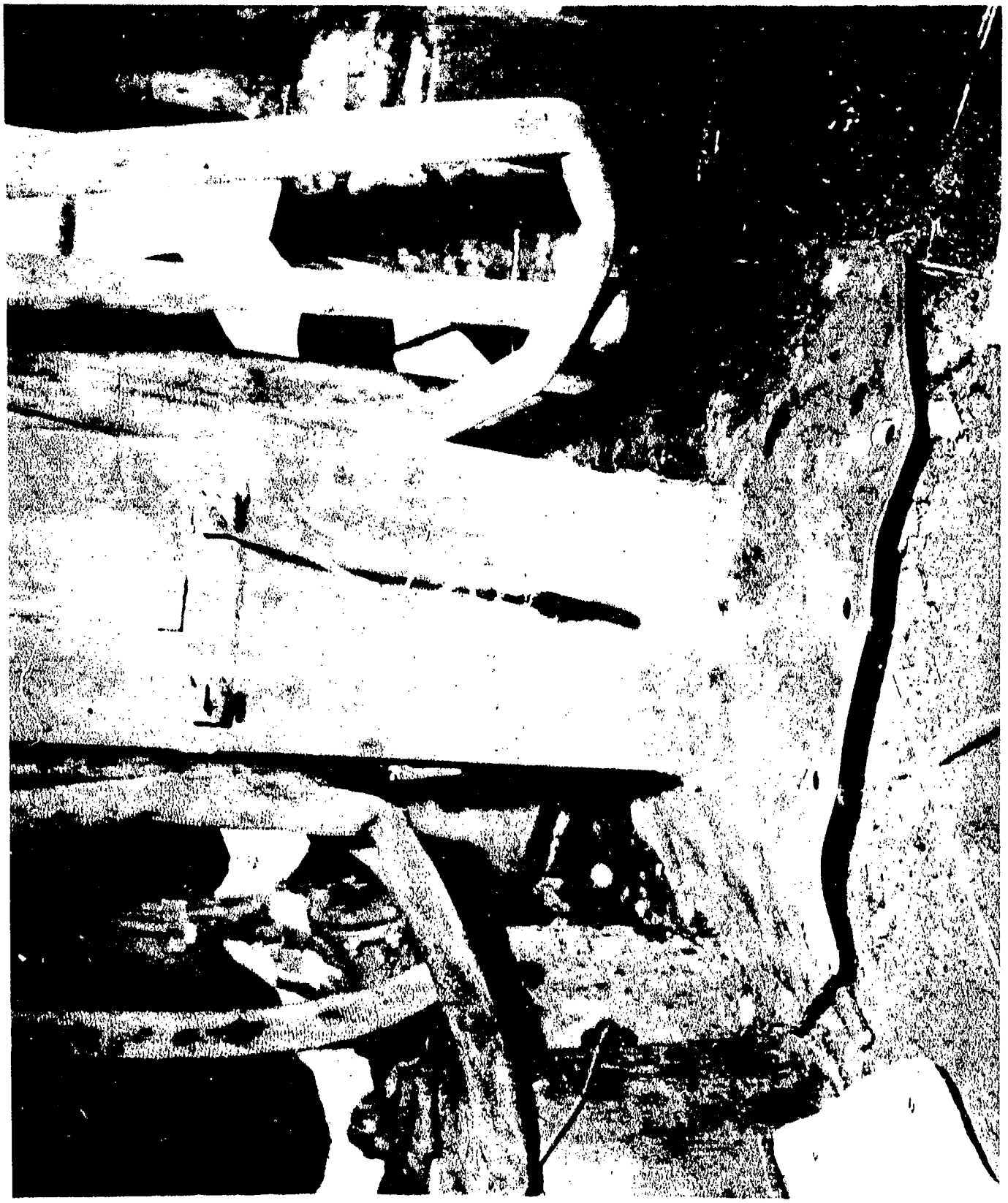
AA-CR-175-2119-9. Flight deck Wobble Bent 65, starboard side, looking aft from Bent 59.



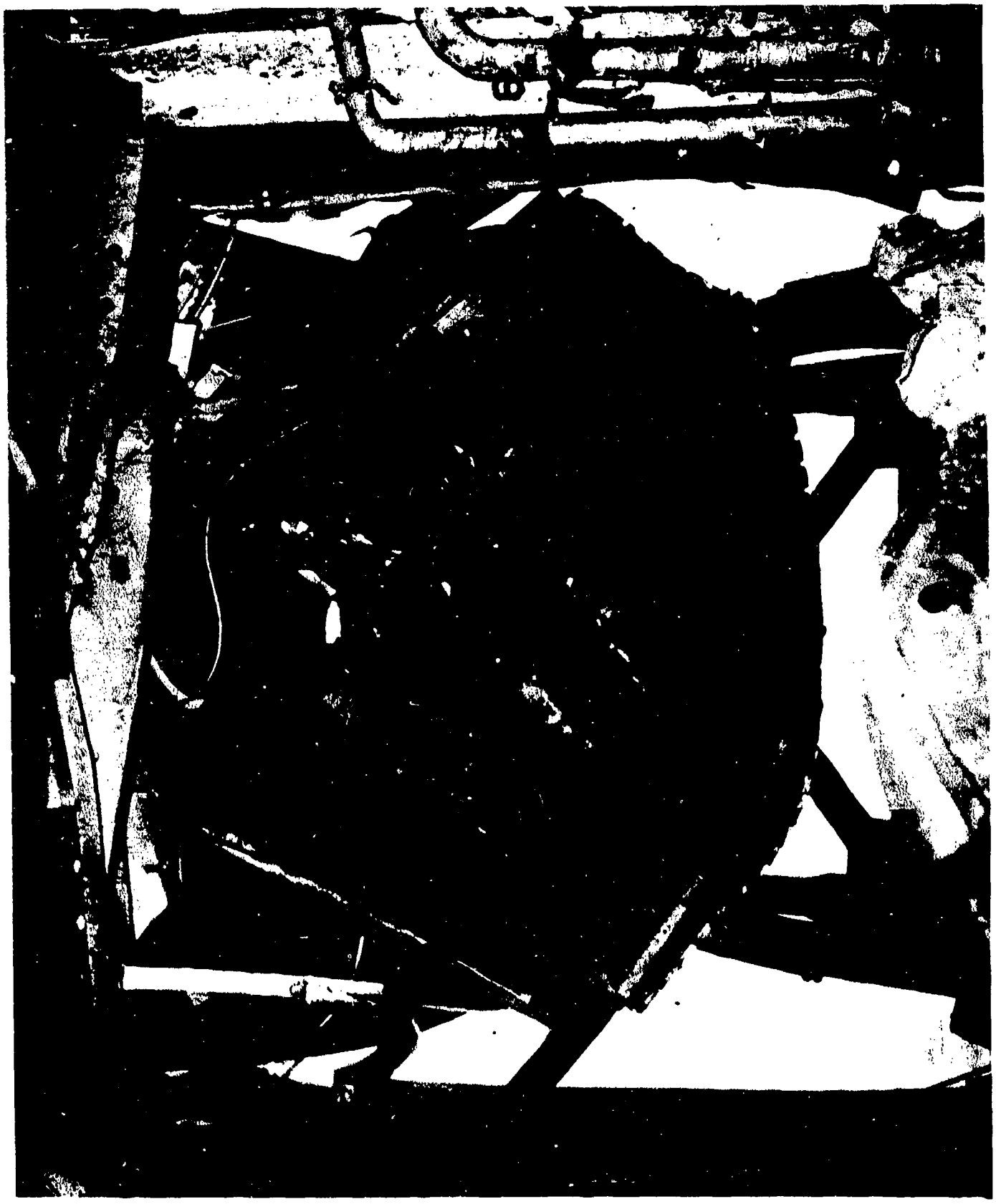
AA-CR-59-2222-5. Flight deck Wobble Bent 65, starboard side. Failure of overhead connection stemming from weld fracture at intersection of bracket and vertical member. Looking aft.



AA-CR-59-2222-6. Wobble Bent 65, looking outboard to starboard, showing failure of deck pad.



AA-CR-65-958-6. Detail view of deck pad, Wobble Bent 65, starboard side looking outboard.



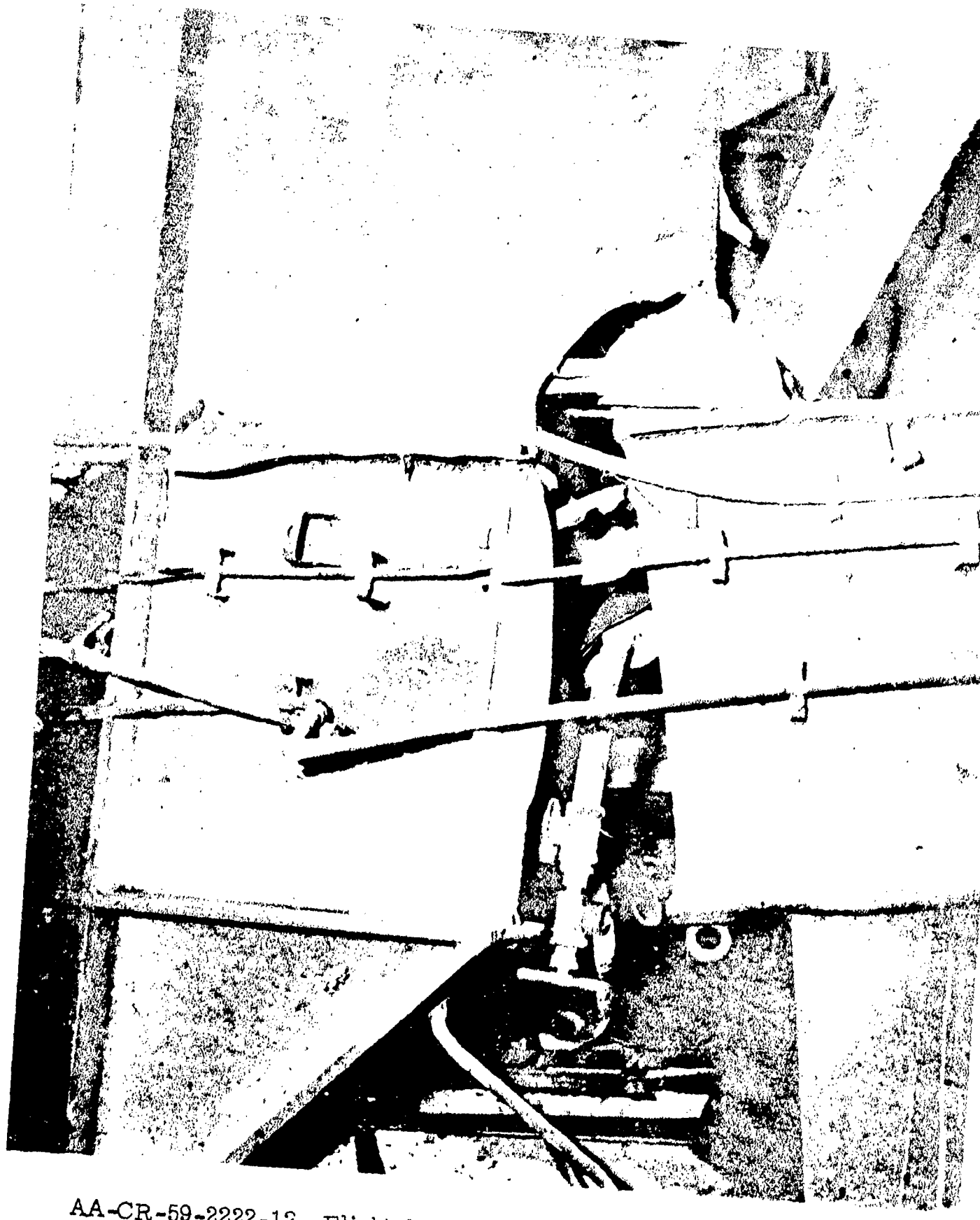
AA-CR-65-1736-4. Uptake No. 2, hangar deck, starboard side, between Wobble Bent 65 and Bent 68. Failure of riveted and welded construction. Looking outboard.



AA-CR-80-4186-3. After Baker - Flight deck Bent 68, port bottom, looking aft.



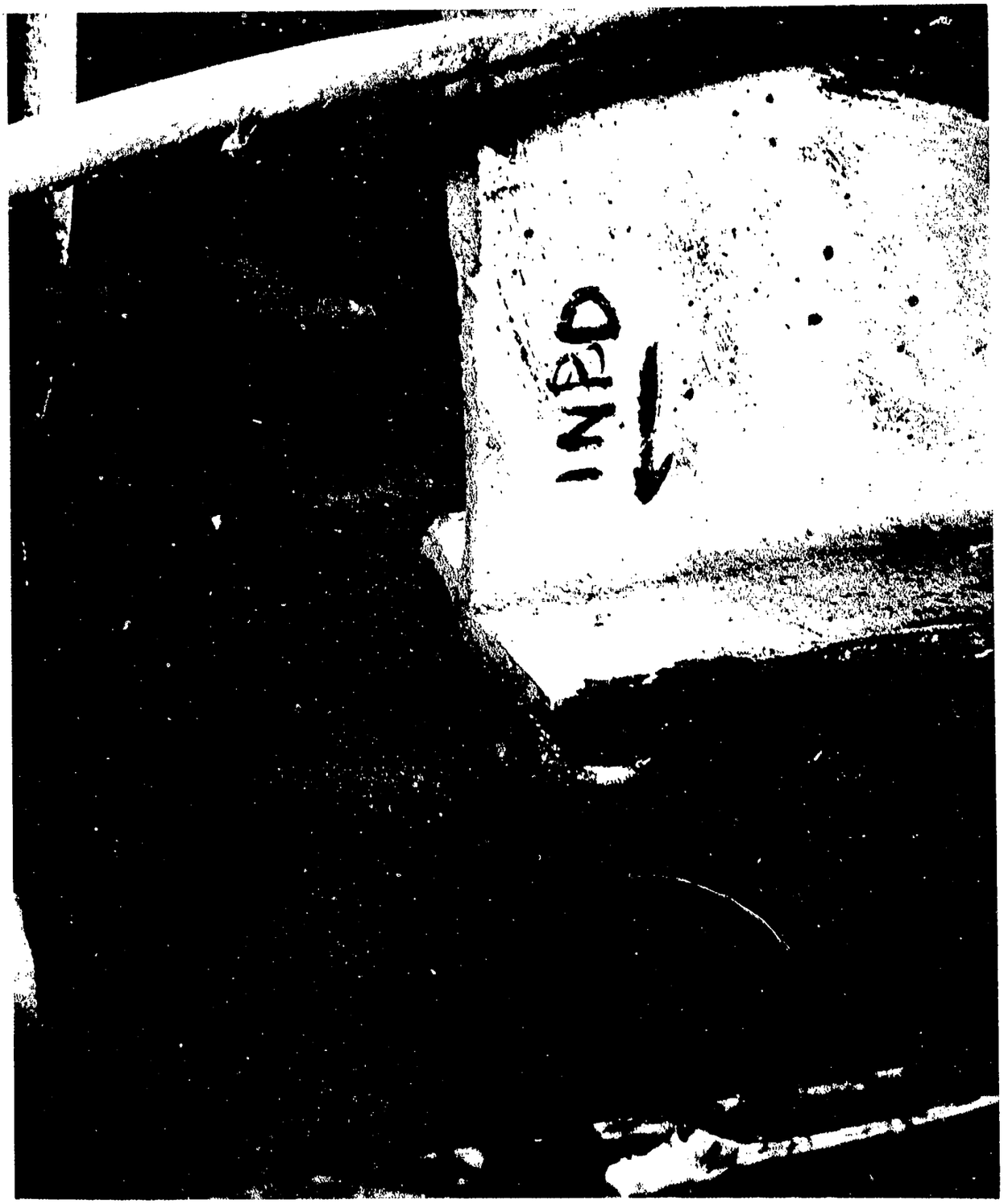
AA-CR-175-2119-12. Flight deck Bent 68, port side. Fracture in vertical member below bracket connection. Looking aft from frame 65 1/2.



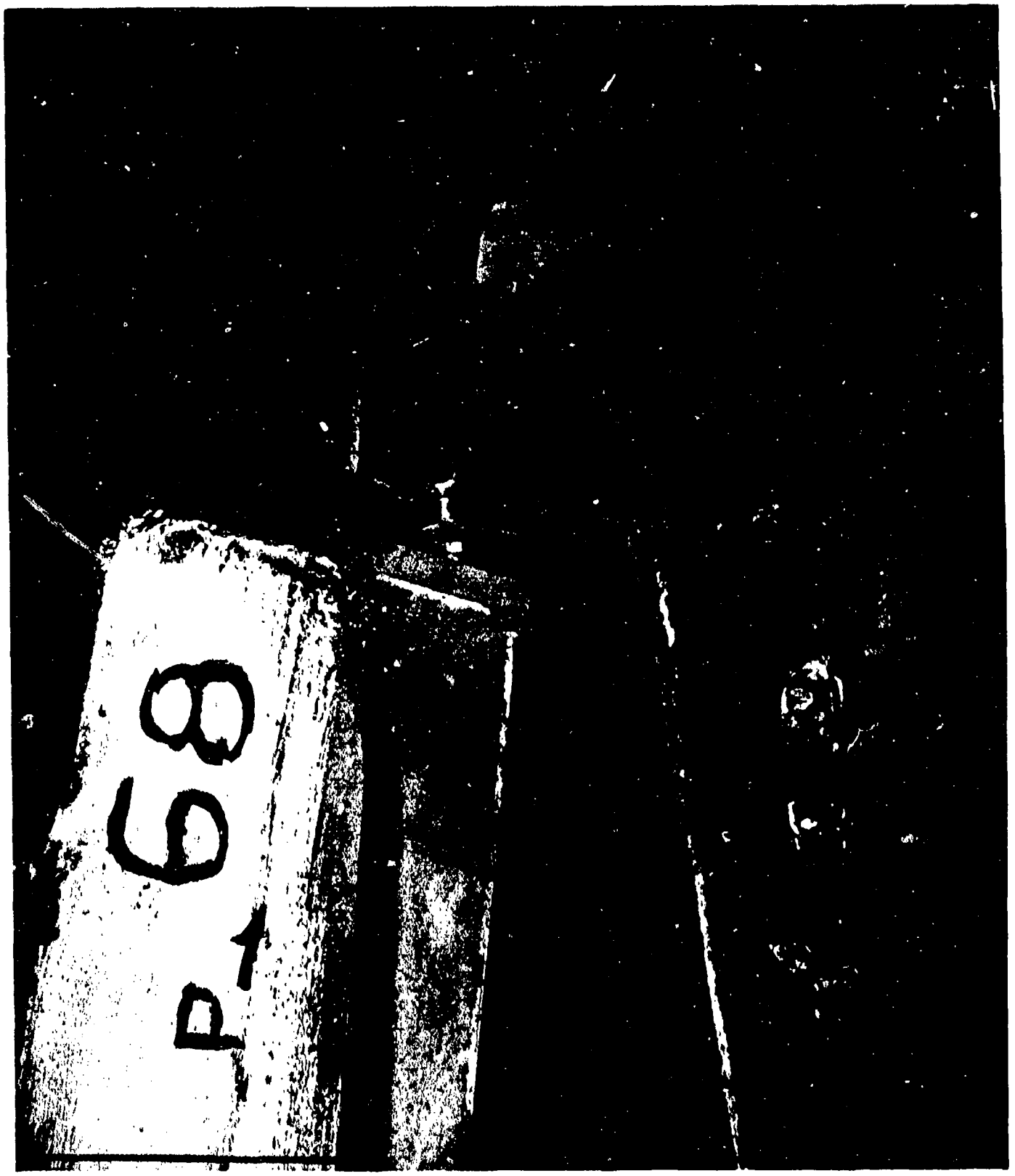
AA-CR-59-2222-12. Flight deck Bent 68, port side, Fracture in vertical member below bracket connection. Looking aft.



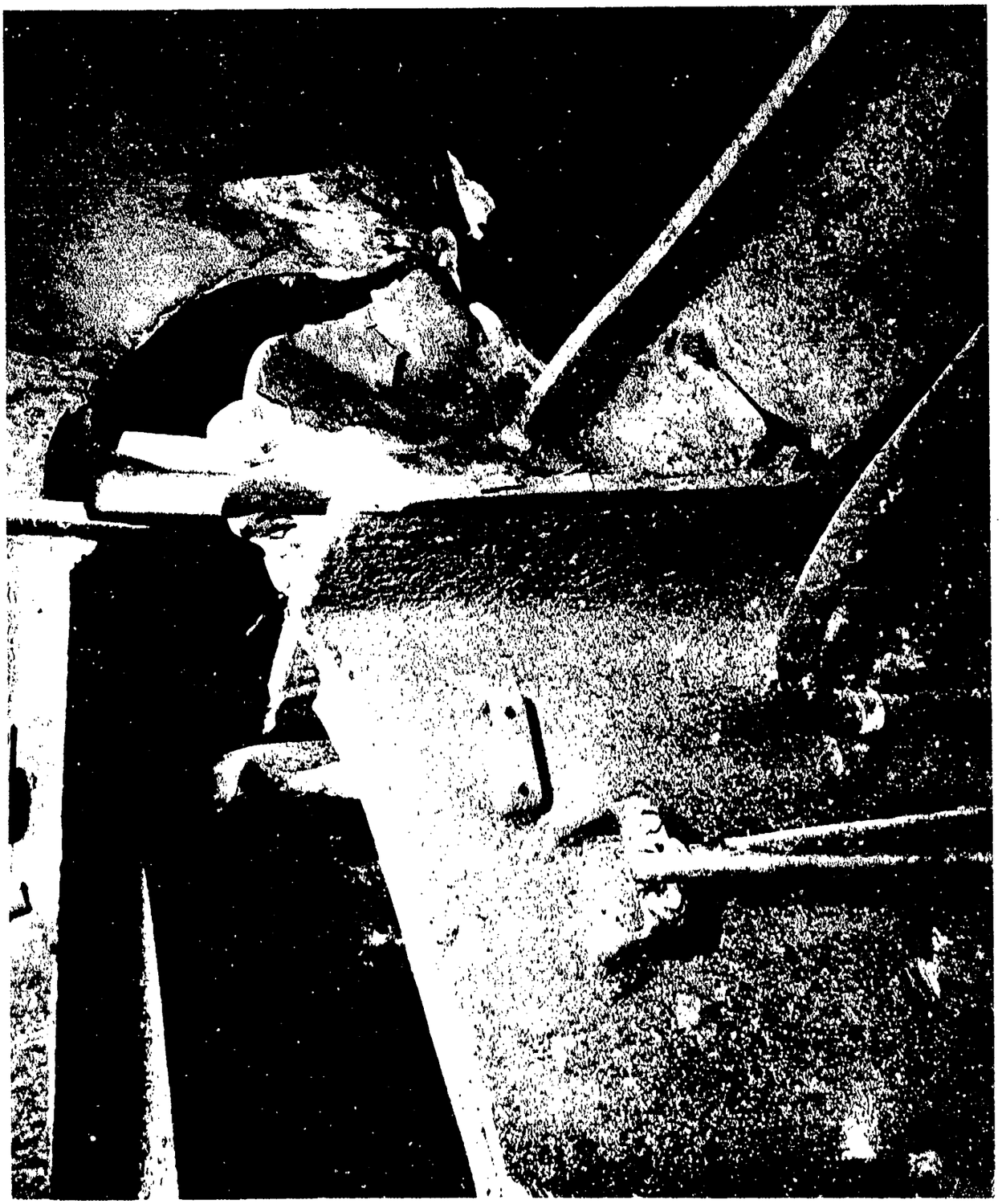
AA-CR-59-4149-5. Flight deck Bent 68, port side, inboard view. Fracture in vertical member below bracket connection. Looking upward and aft.



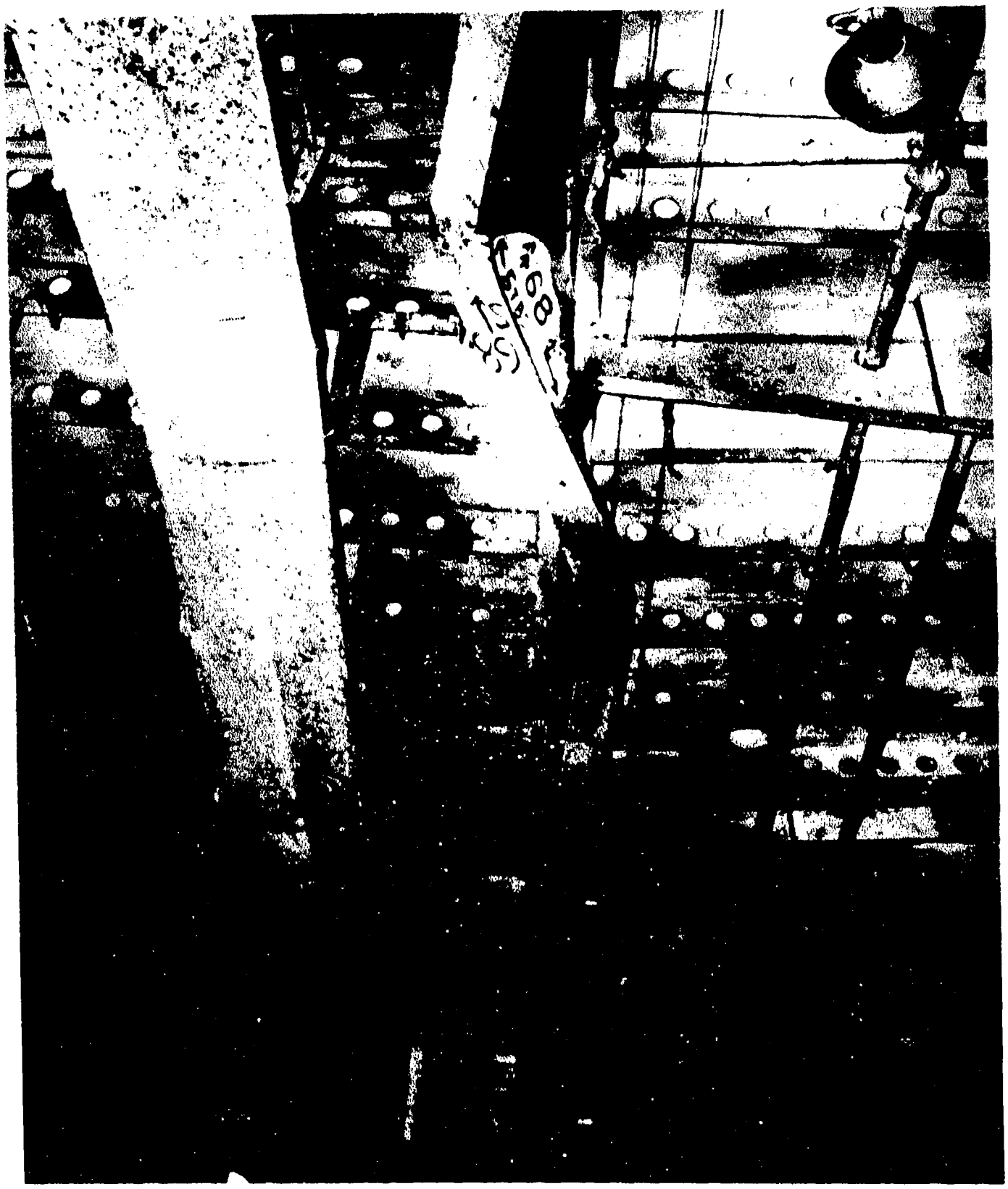
AA-CR-59-4149-3. Flight deck Bent 68, port side. Fracture is vertical member below bracket connection. Looking downward, aft and inboard.



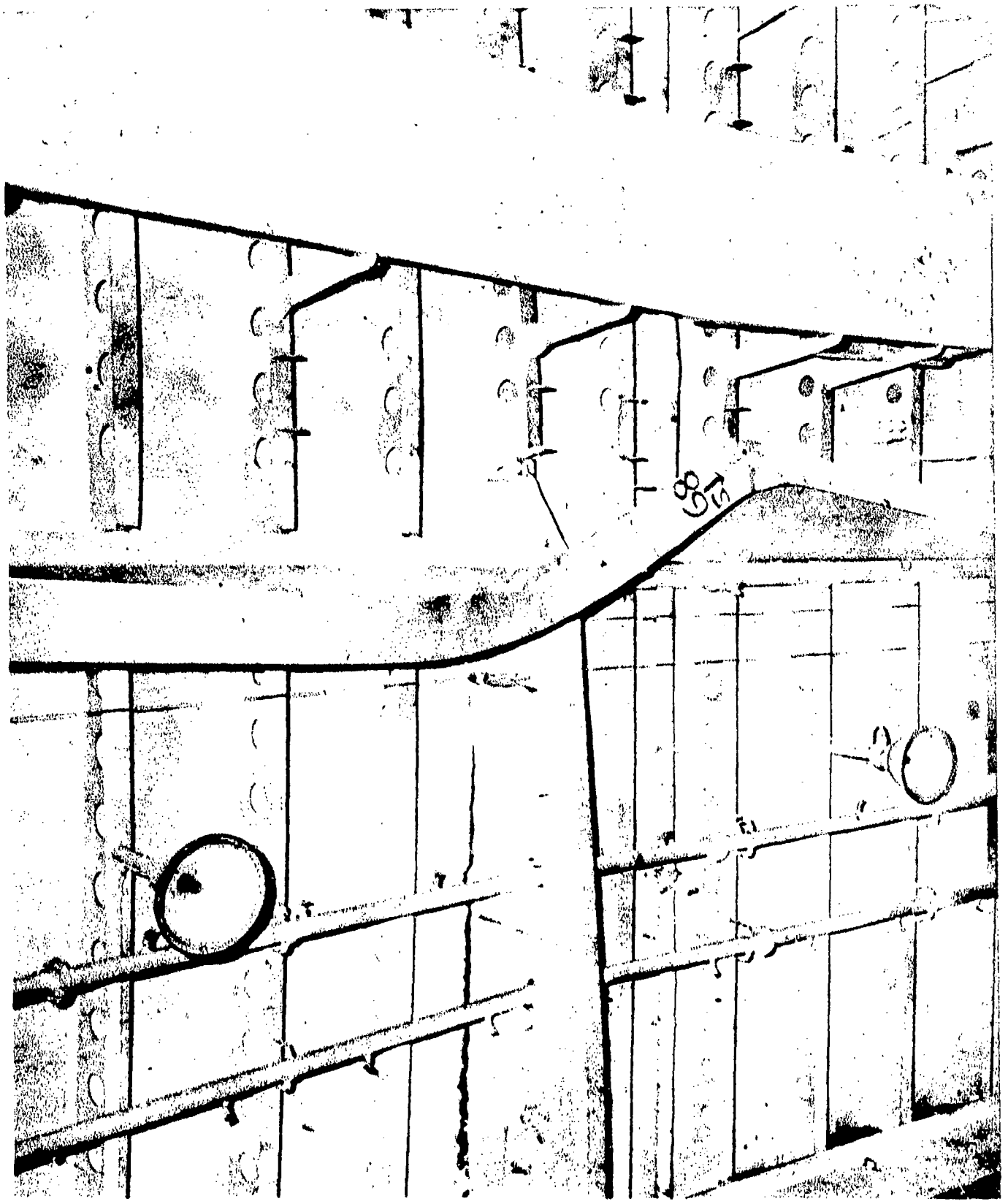
AA-CR-59-4149-4. Flight deck Bent 68, port side, outboard view. Fracture in vertical member below bracket connection. Looking upward and aft.



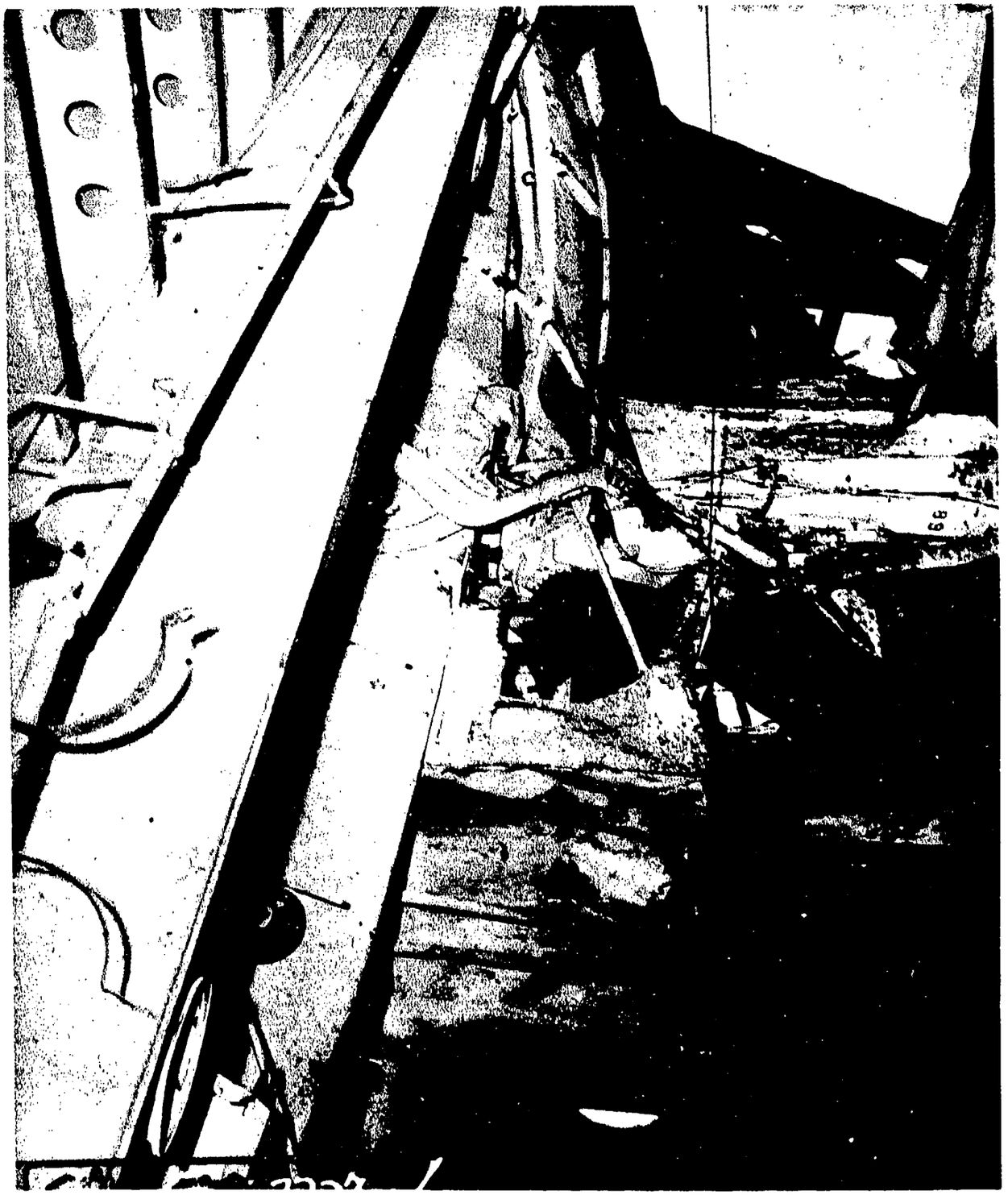
AA-CR-59-4149-2. Flight deck Bent 68, port side. Fracture in vertical member below bracket connection. Looking downward and aft.



AA-CR-100-4162-7. Underside of flight deck at Bent 68, looking to port, showing warp in girder.



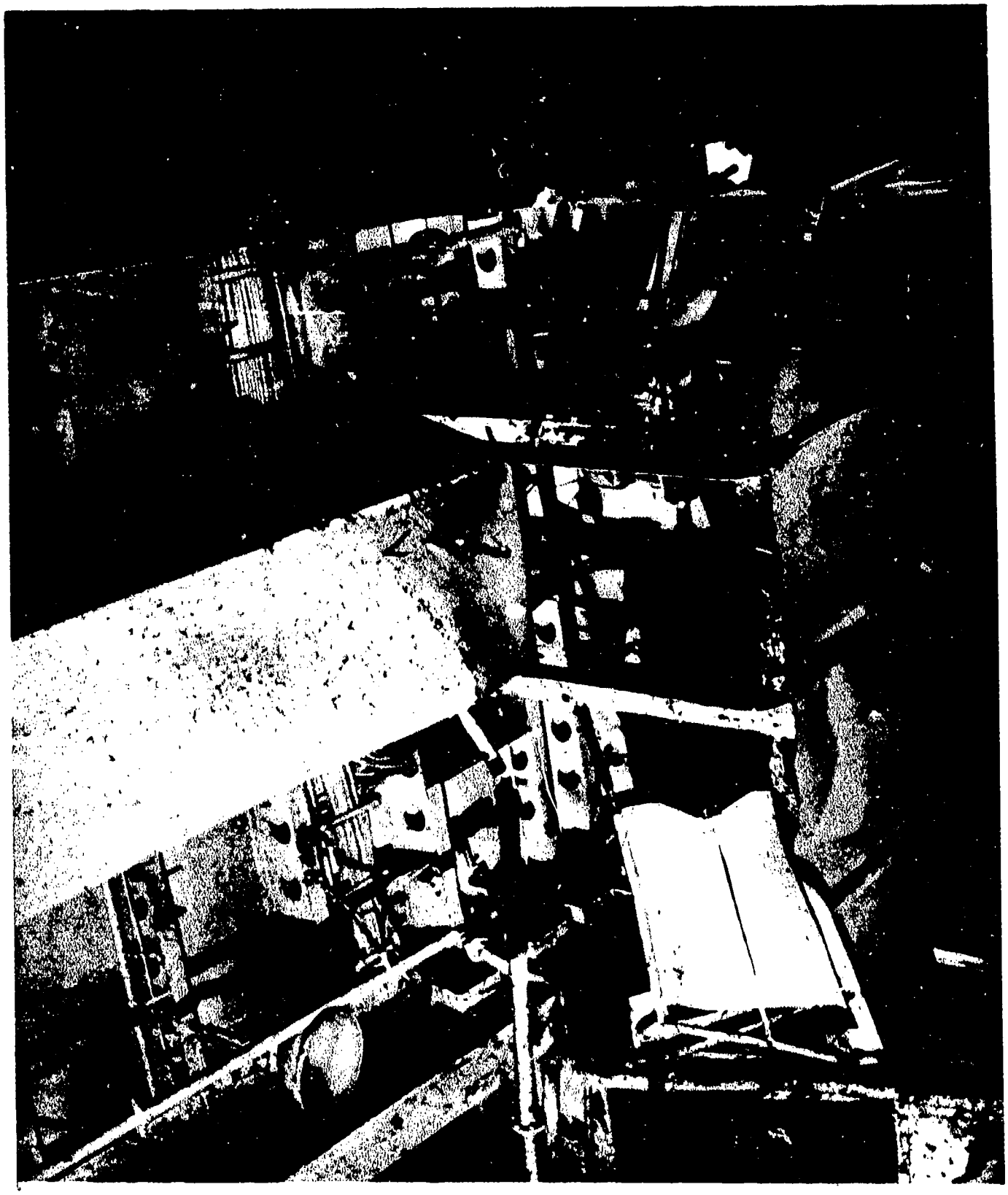
AA-CR-2224-1. Flight deck Bent 68, looking to starboard, showing warping at centerline.



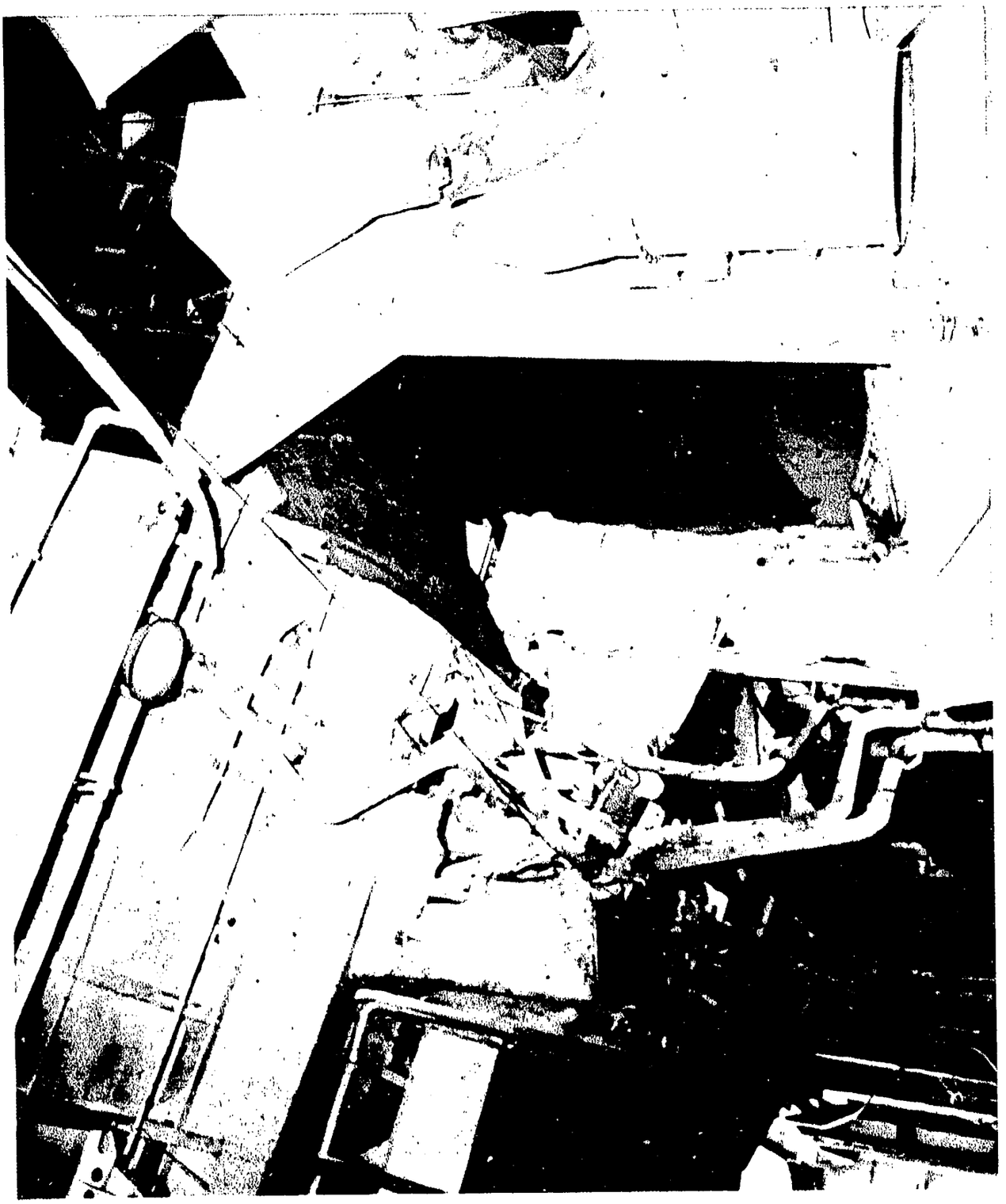
AA-CR-59-2227-1. Flight deck Bents 65, 68 and 71. Failure of welds in port side overhead connection and to deck longitudinals above. Looking forward and to starboard.



AA-CR-59-2227-4. Flight deck Bent 68, centerline. Buckled transverse girder and fractured weld joining web stiffener to deck longitudinal. Looking aft.



AA-CR-65-958-11. Underside offlight deck. Control station between Bents 68 and 71. Port side.



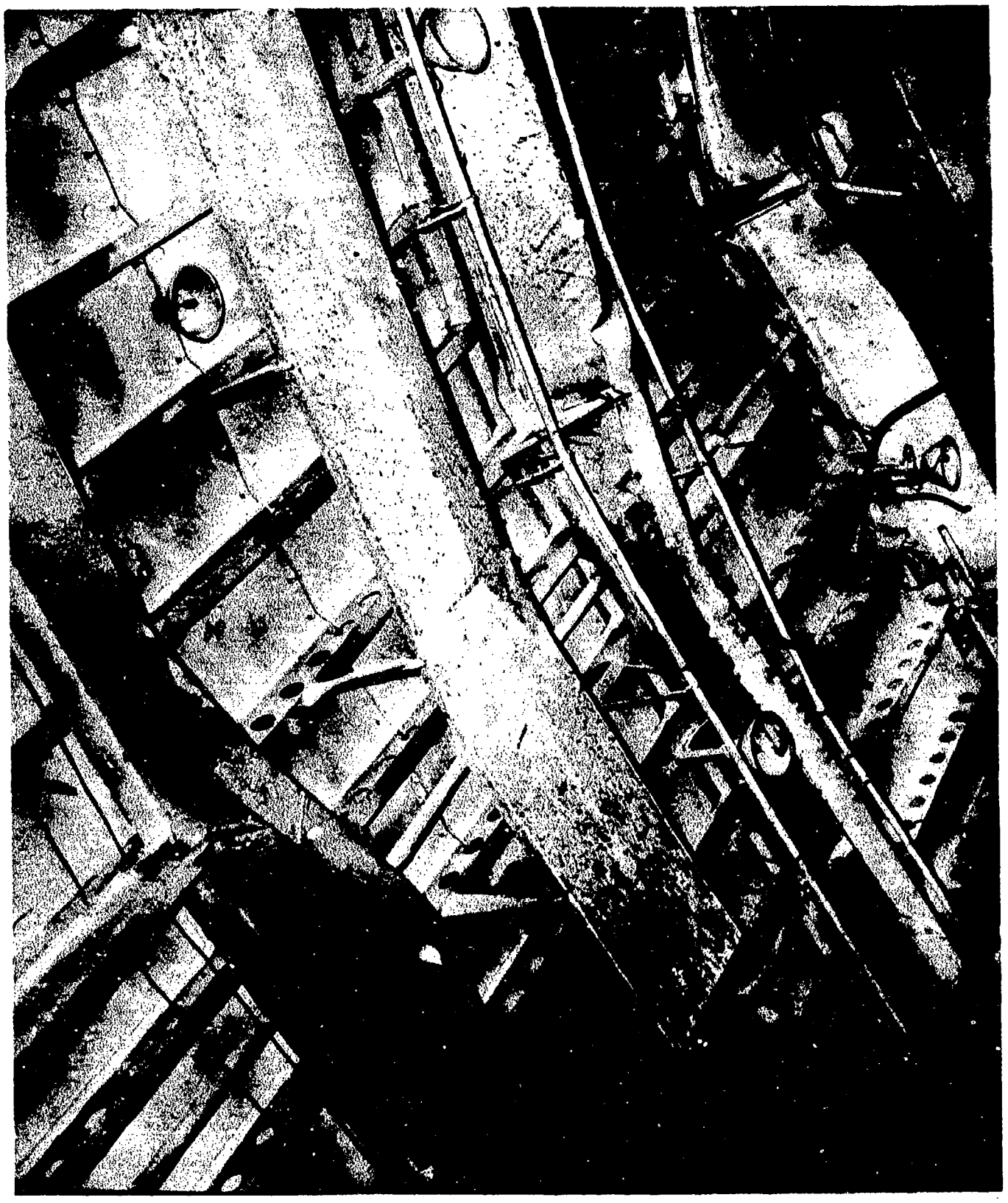
AA-CR-59-2113-7. Flight deck Bents 68 and 71. Failure of starboard side overhead connection in fillet welds. Looking forward.



AA-CR-175-2131-1. Flight deck Bents 68 and 71. Failure of starboard overhead connections in welds. Looking forward from frame 73.



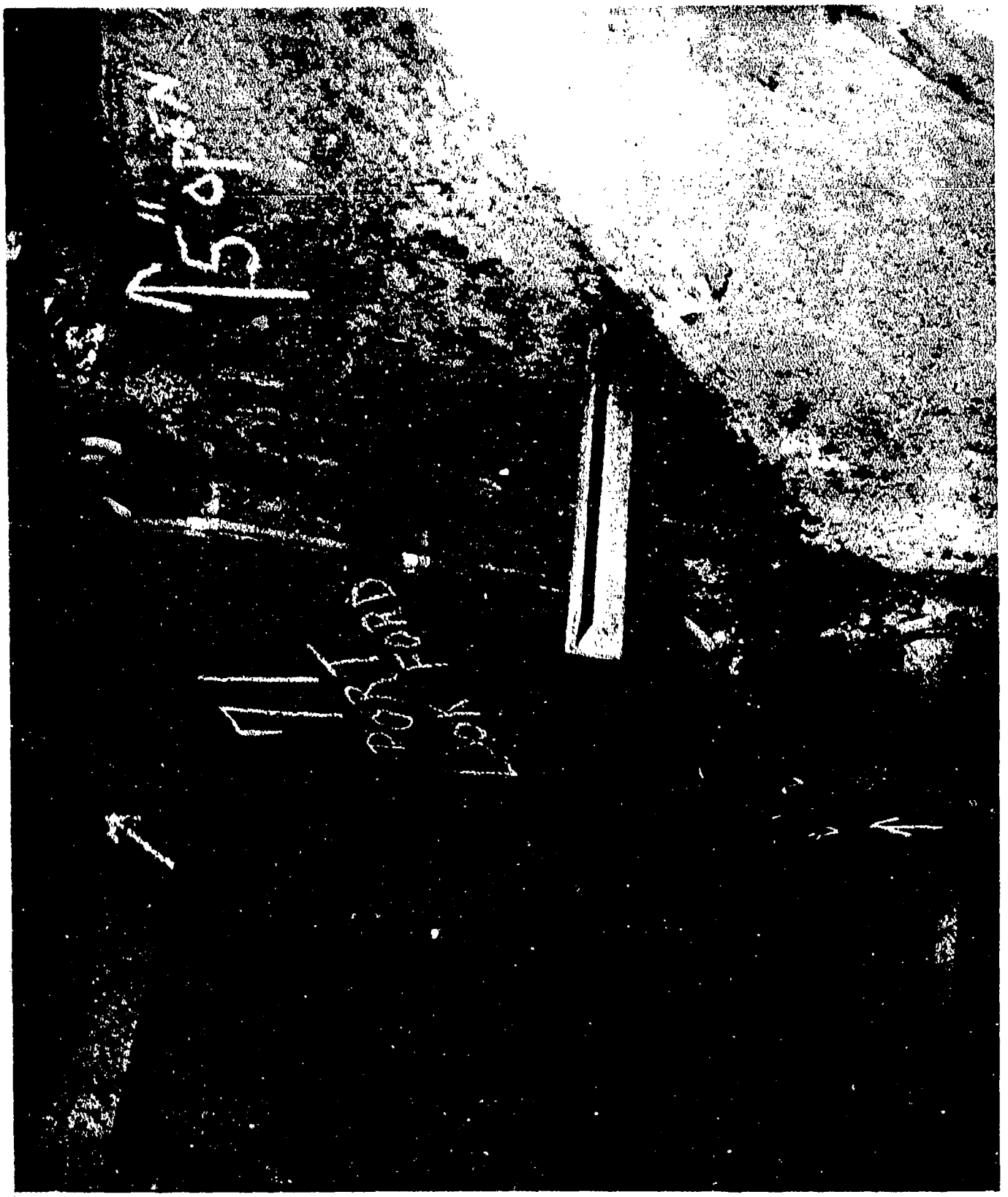
AA-CR-100-4160-4. Flight deck Bent 68, starboard side. Looking up outboard face of Bent from main deck. Note forward bend at top.



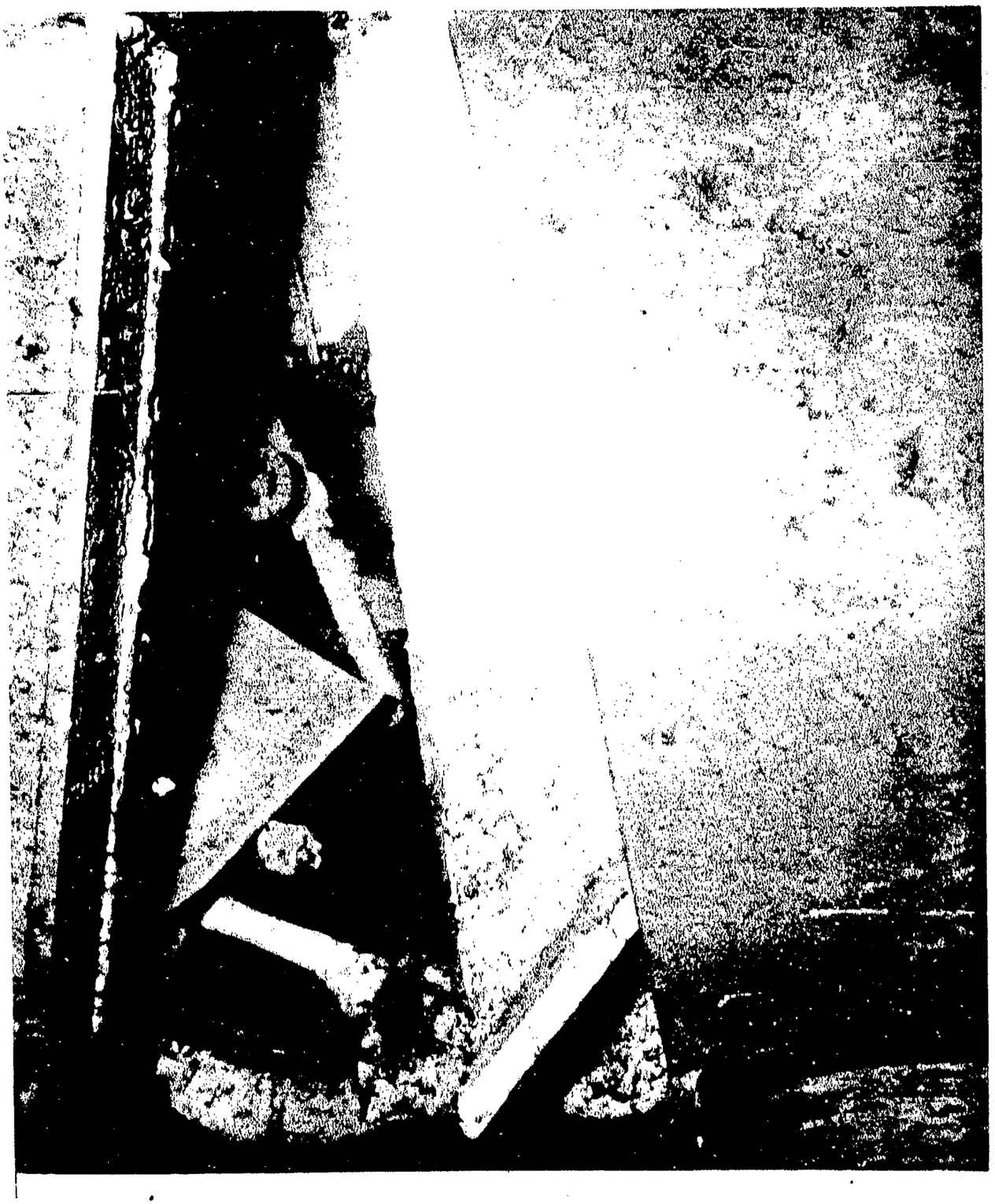
AA-CR-175-2119-3. Underside of flight deck, centerline area, Bents 68 and 71, from Bent 65.



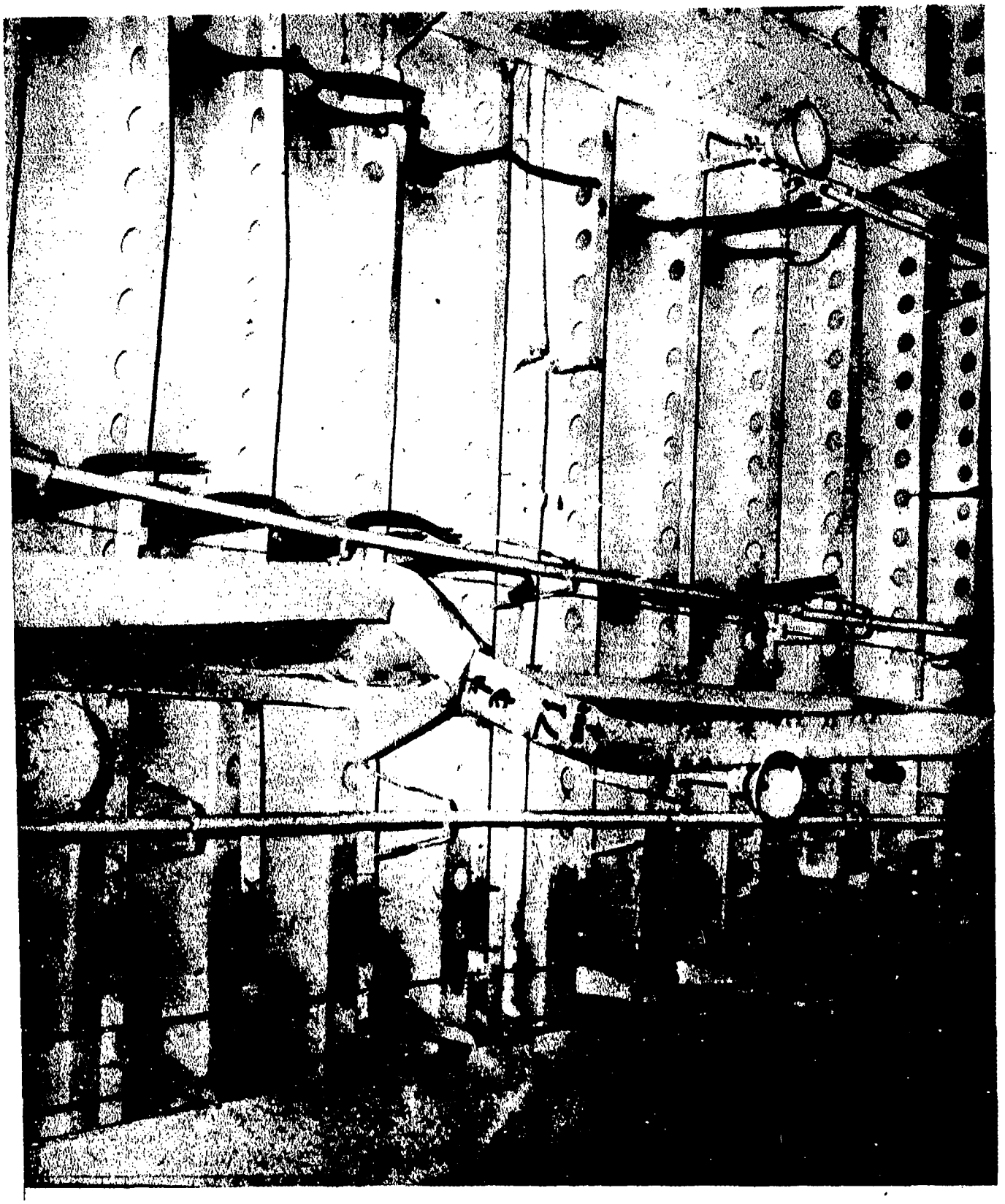
AB-CR-80-4186-4. After Baker - Flight deck Bent 71, port bottom, - looking aft.



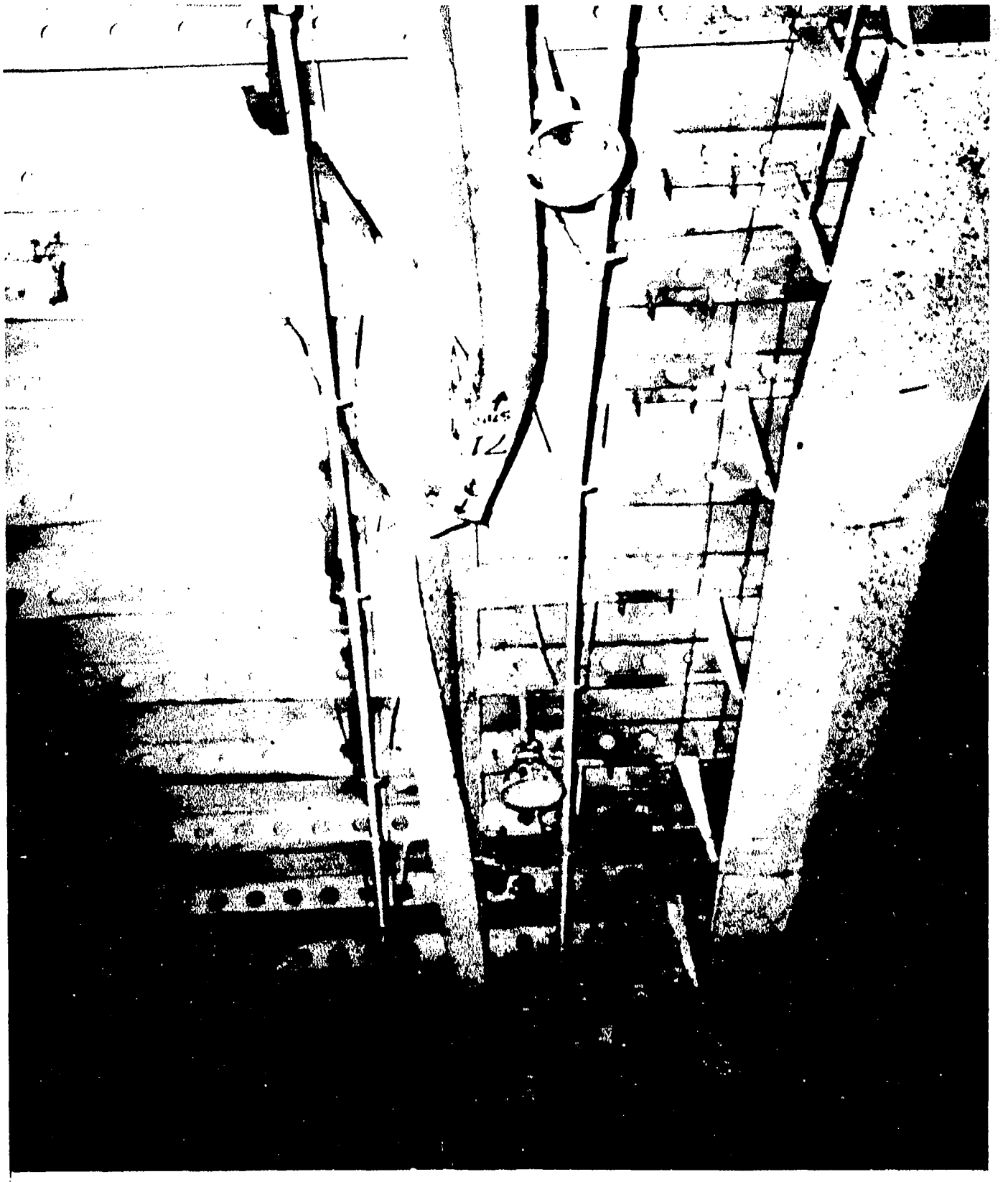
AA-CR-59-2223-1. Flight deck Bent 71, port side. Failure of welded overhead connection showing tear in weld and web of vertical member. Looking forward.



AA-CR-100-165-7. Flight deck Bent 71, port side. Failure of weld in overhead connection. Looking aft.



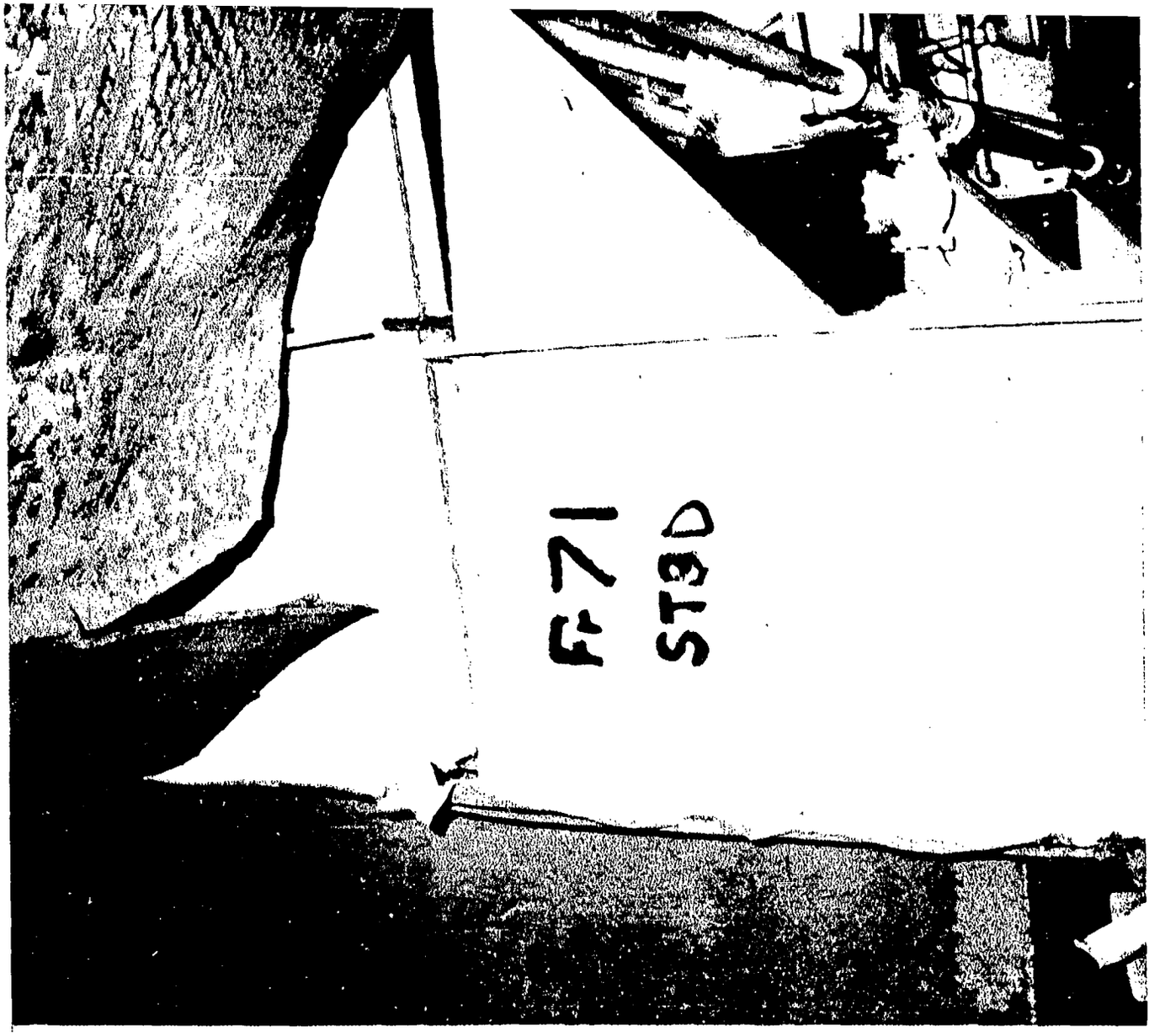
AA-CR-59-2224-2. Flight deck Bent 71, looking to starboard. Deformed transverse girder and fracture of weld in girder flange, at centerline.



AA-CR-100-4162-8. Flight deck Bent 71, centerline, showing buckling and failure at welded butt. Looking to port.



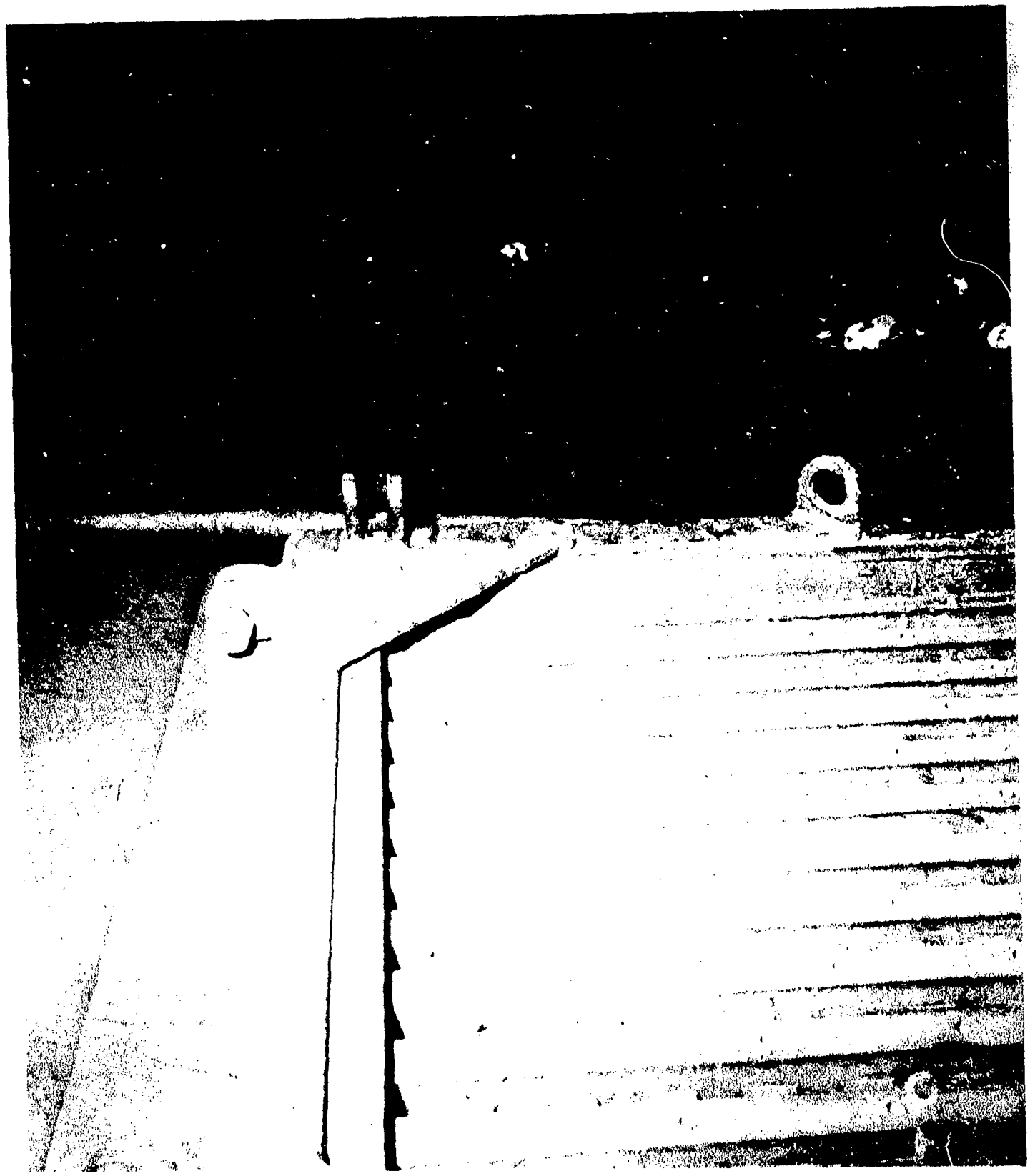
AA-CR-59-2226-11. Flight deck Bent 71, centerline. Buckling and failure at welded butt. Looking forward.



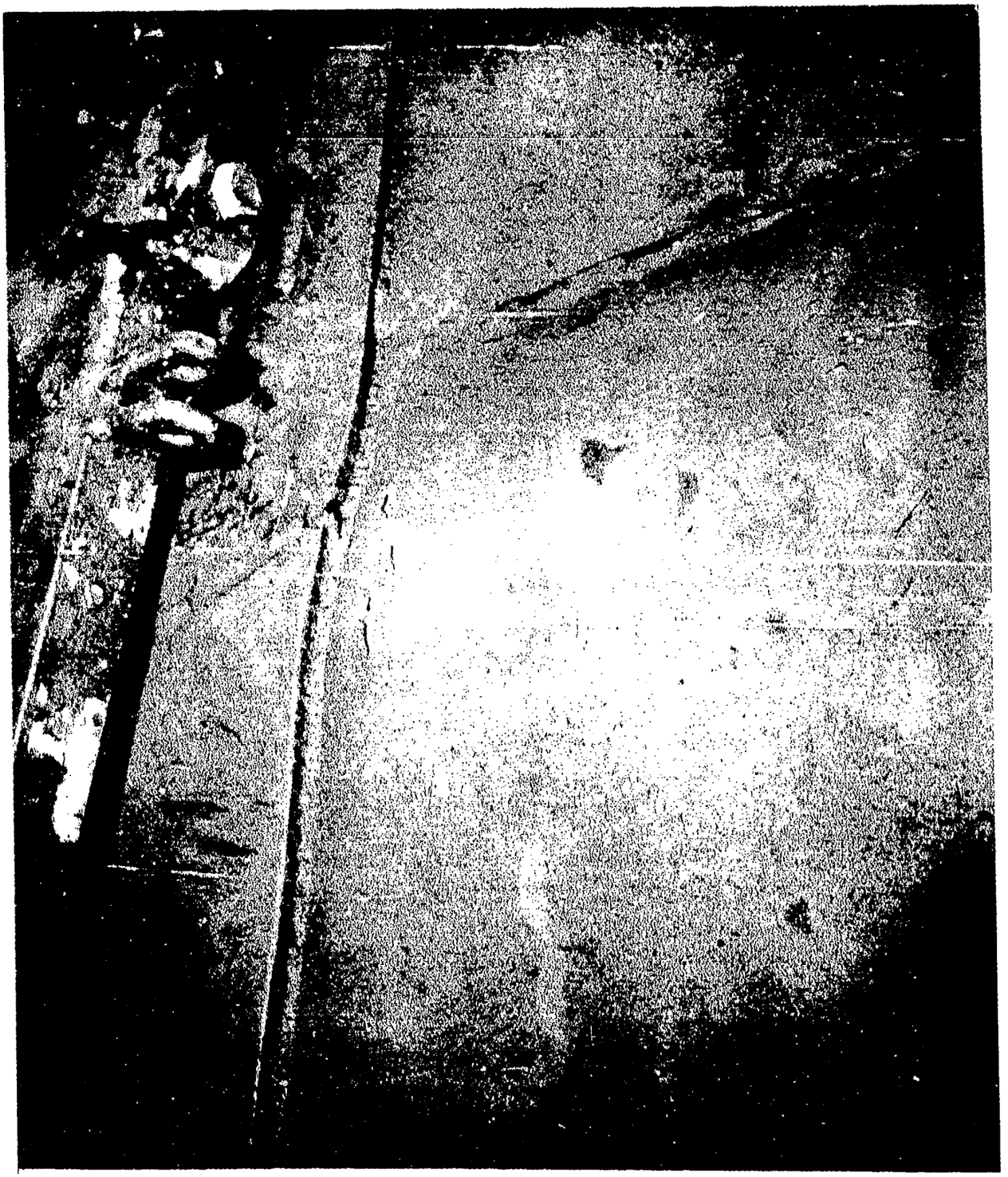
AA-CR-59-4148-10. Flight deck Bent 71, starboard side, showing weld failure at overhead connection. Looking aft.



AB-CR-80-4186-5. After Baker - Flight deck Bent 71, starboard bottom, looking aft.



AA-CR-100-4160-6. Flight deck Bent 71, looking up outboard face from main deck. Note backward bend at top.



AA-CR-100-4160-5. Starboard outboard side of Bent 71, showing warping of aft flange of Bent, and paint blisters (in general vicinity of scar on platform).



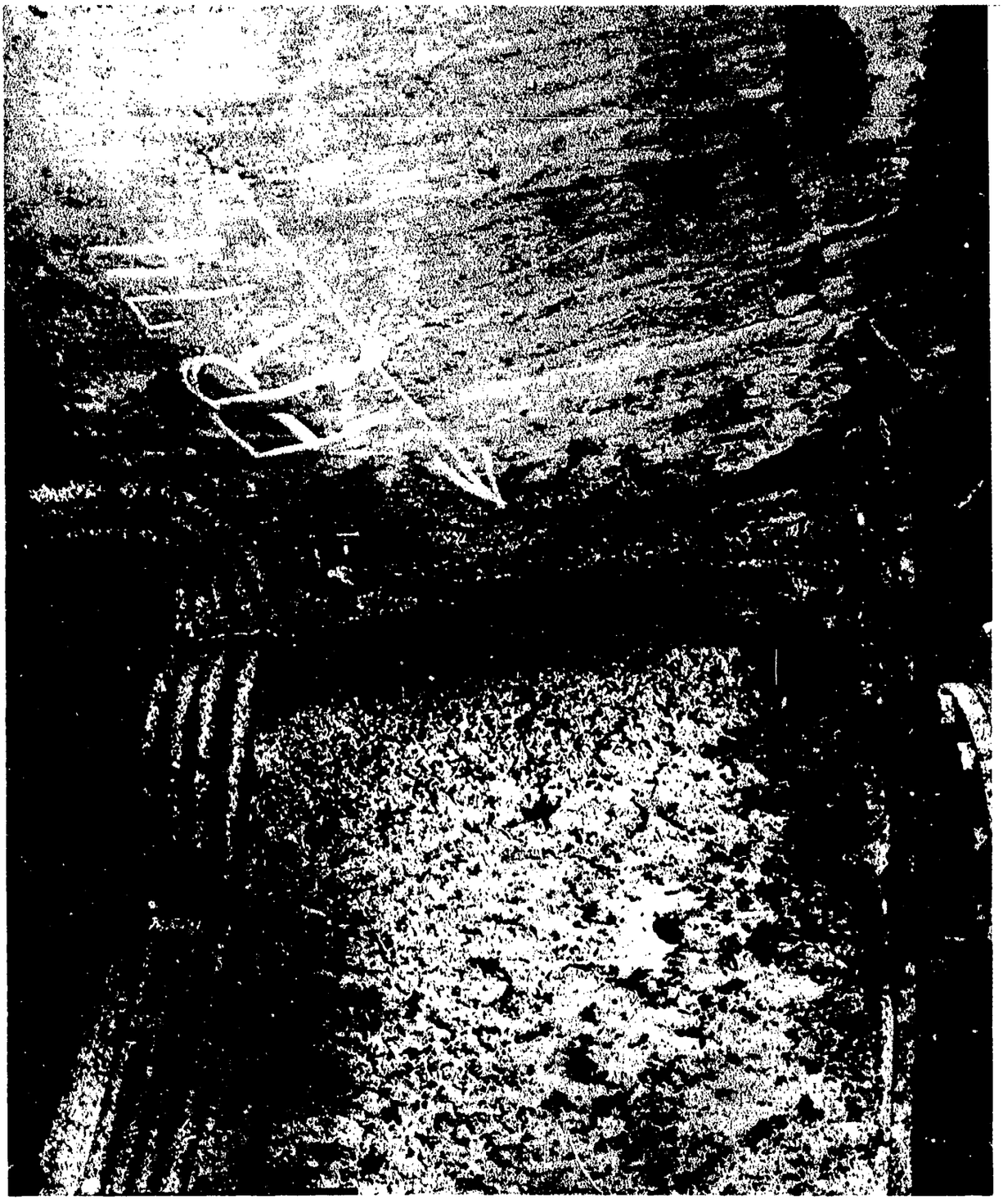
AA-CR-175-2131-3. Hangar deck, port side, foot of Bent 74, showing tear in stringer.



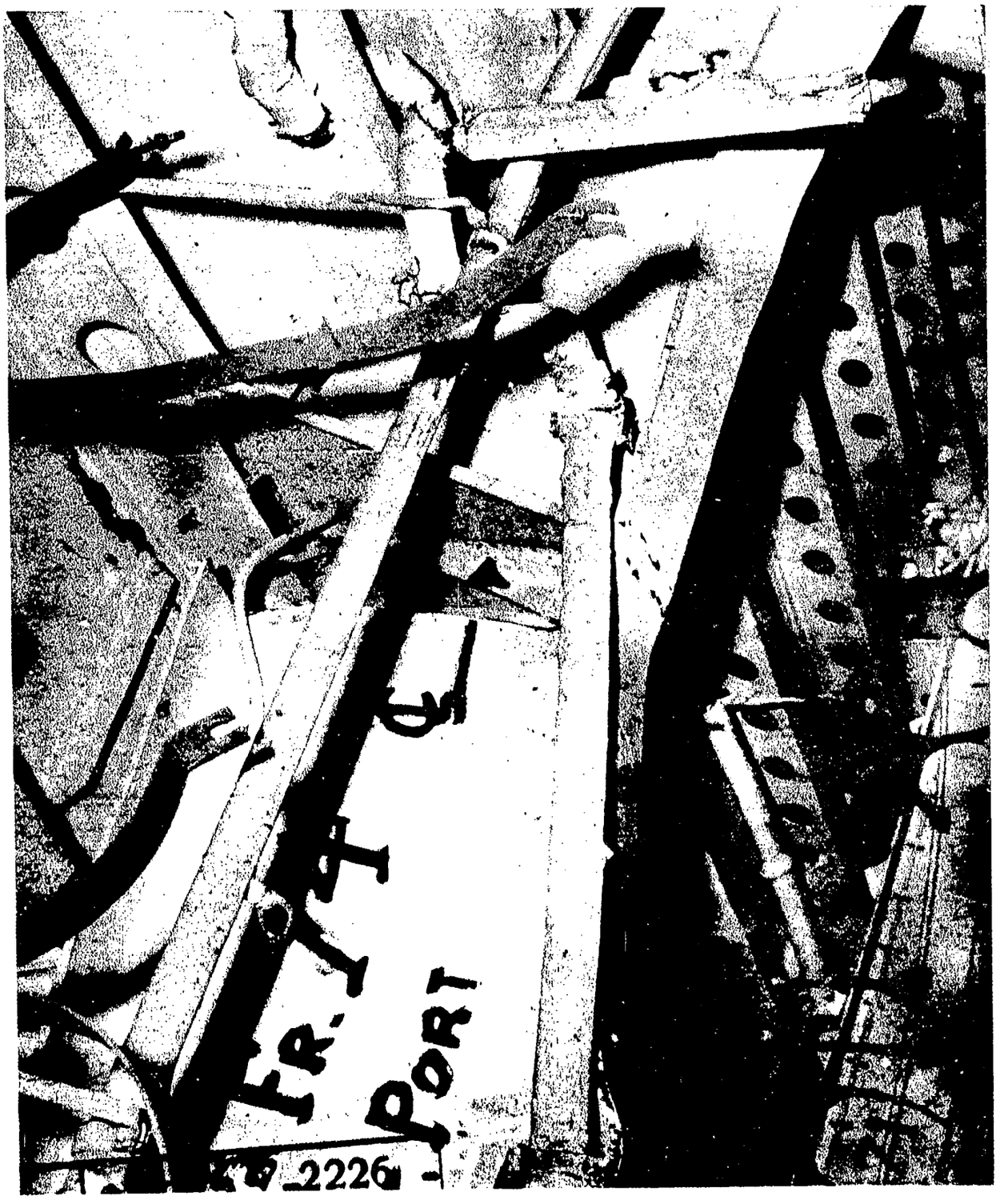
AA-CR-80-4186-6. After Baker - Flight deck Bent 74, port bottom, looking forward.



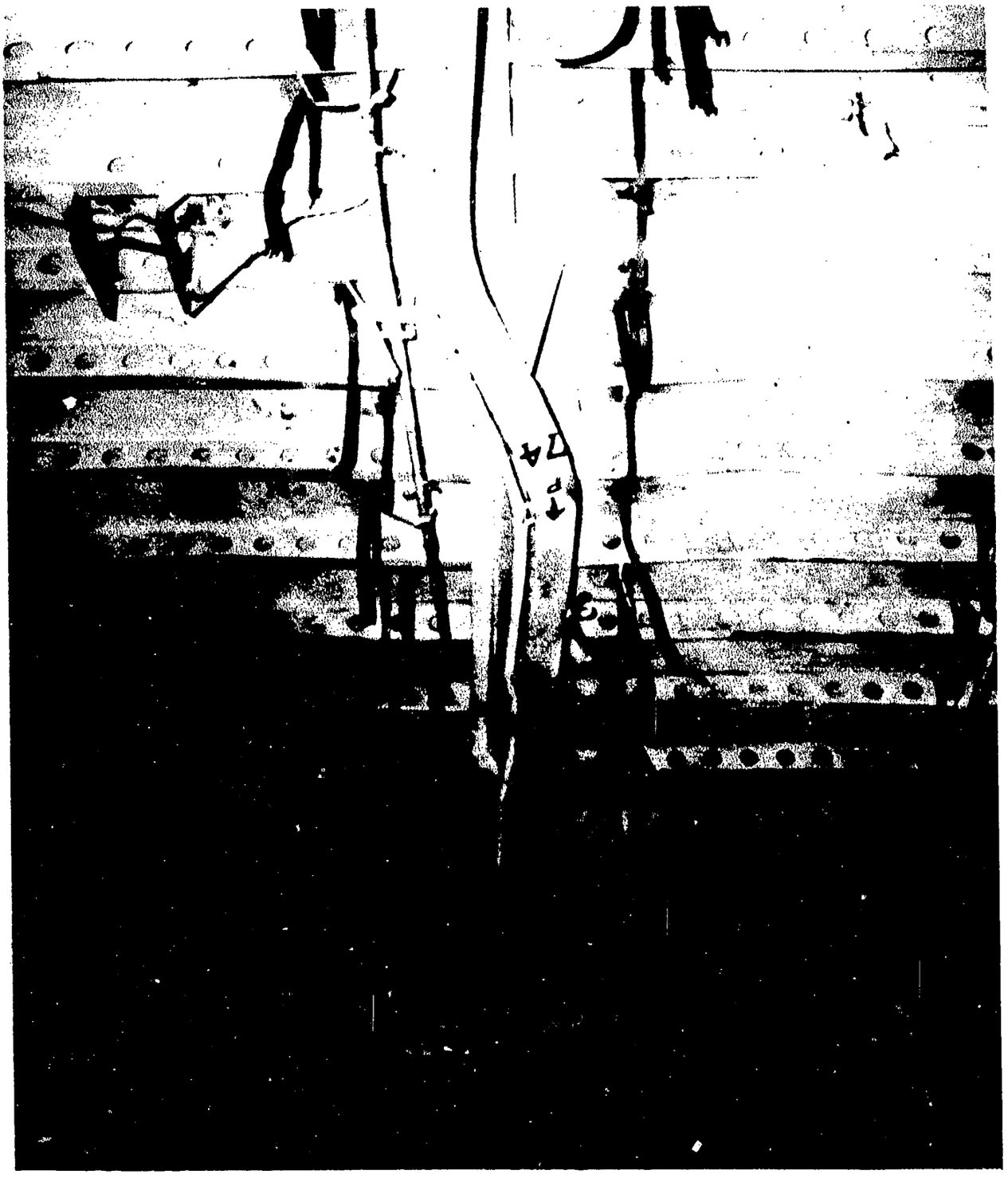
AA-CR-59-2223-4. Hangar deck, port side, detail at foot of Bent 74, looking forward. Note tear in bulwark and stringer plating which has been made partially tight by ship's force.



AA-CR-59-2223-2. Bent 74, Flight deck girder, port side, looking art. Showing buckled web and upper flange. Failures shown are in light fore and aft plating marked "Frame 74".



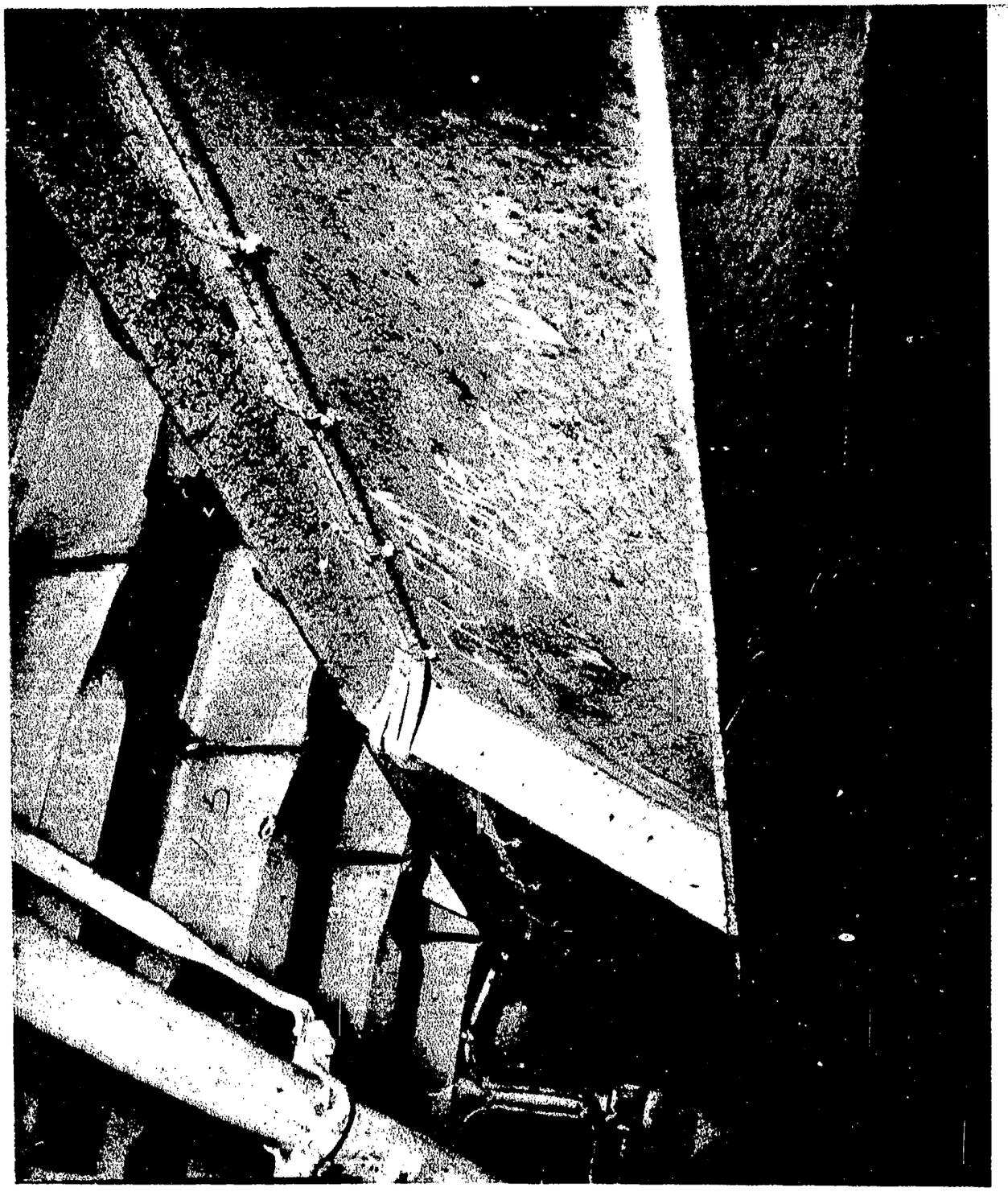
AA-CR-59-2226-9. Flight deck Bent 74, looking forward, showing tear in girder to port of centerline.



AA-CR-100-4162-9. Flight deck Bent 74, centerline, showing deformation. Looking to port.



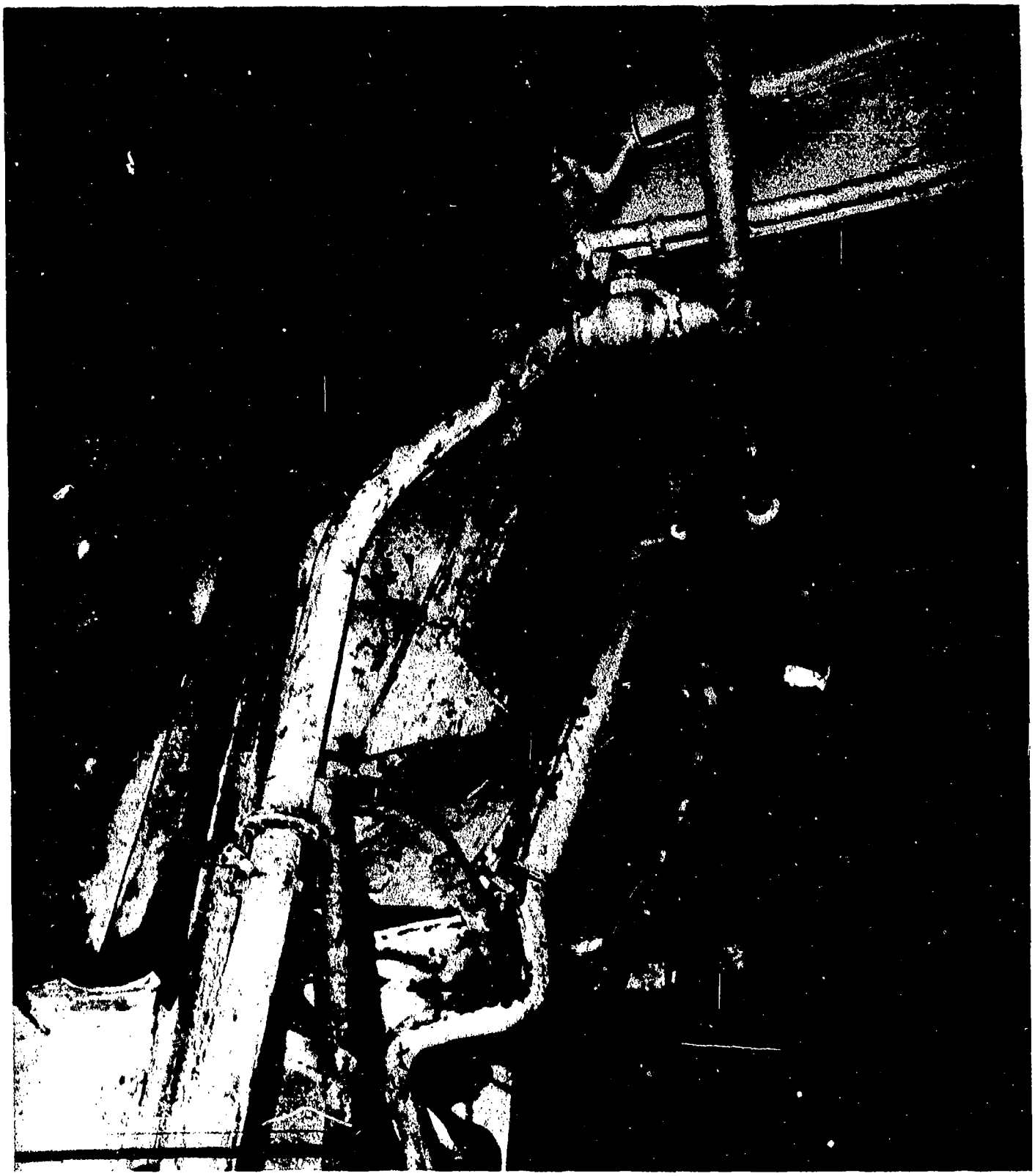
AA-CR-59-2224-3. Flight deck Bent 74, showing deformation at center-line. Looking starboard.



AA-CR-59-2223-3. Flight deck Bent 74, port of centerline, showing broken welds and separation between transverse girder and deck longitudinals. Looking starboard and aft.



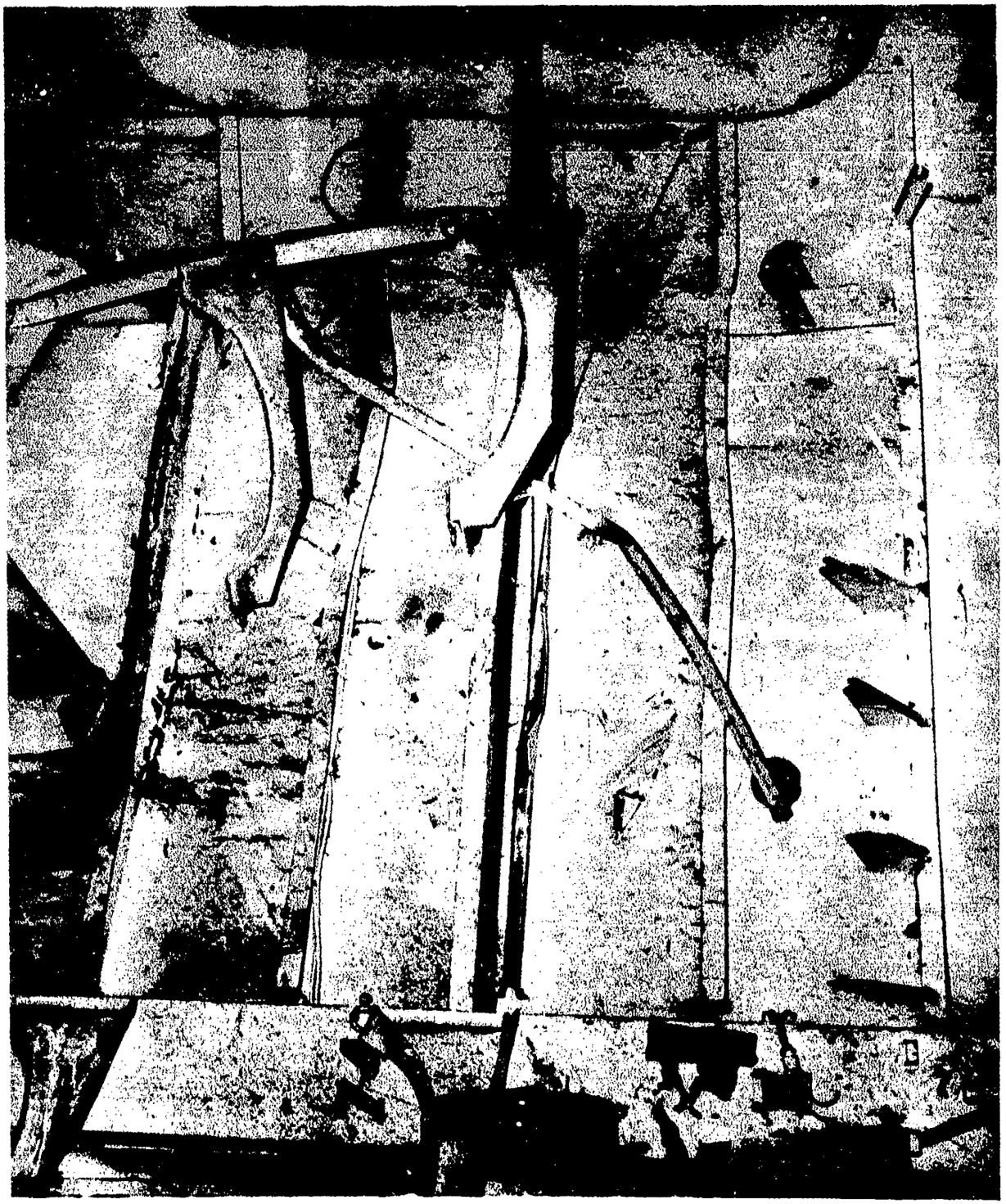
AA-CR-59-4148-11. Flight deck Bent 74, starboard side, showing failure adjacent to weld. Looking forward.



AA-CR-80-4186-12. After Baker - Flight deck Bent 74, port top, looking forward.



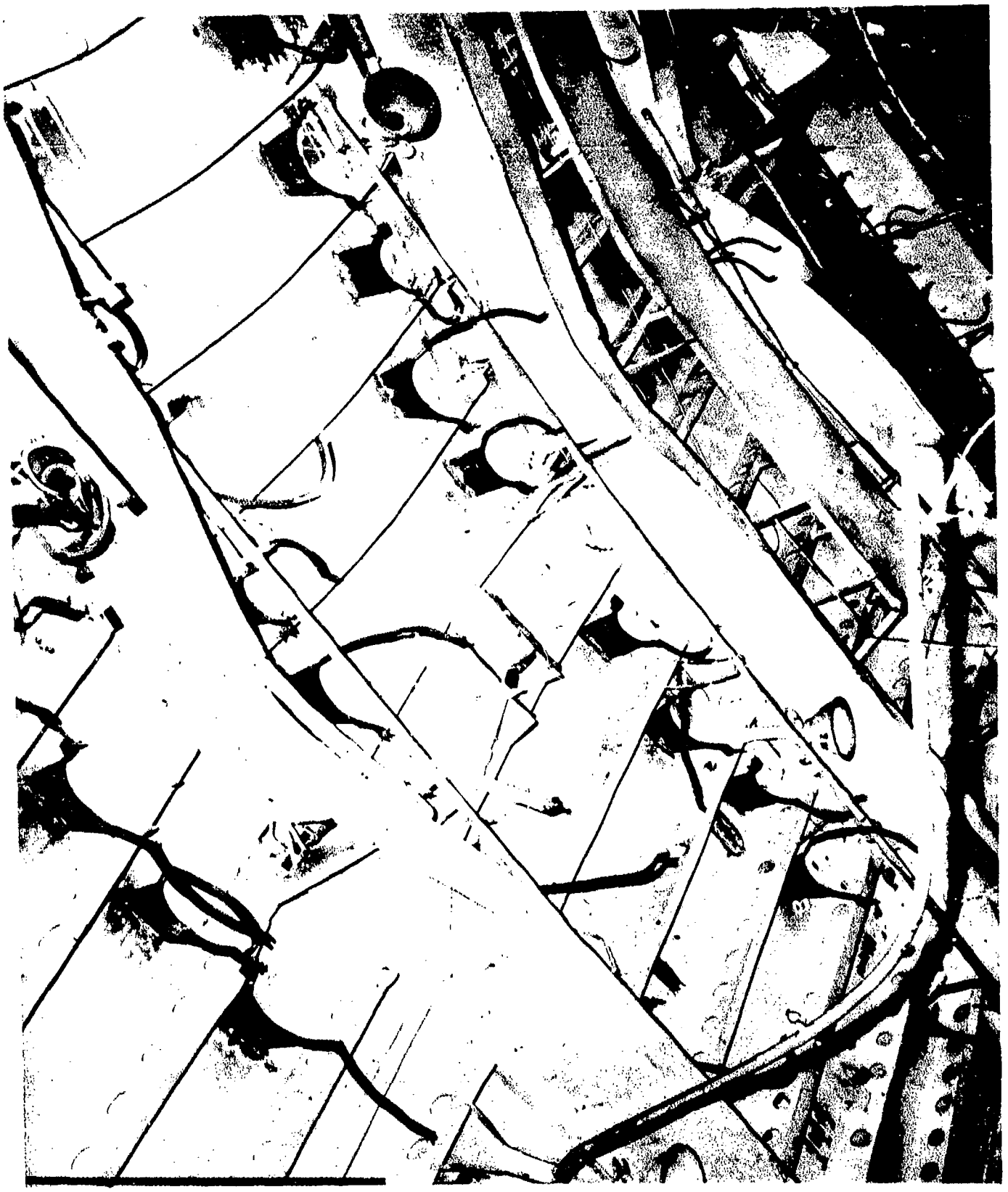
AA-CR-17b-2131-2. Flight deck Bent 74, starboard side, showing failure adjacent to weld. Looking forward.



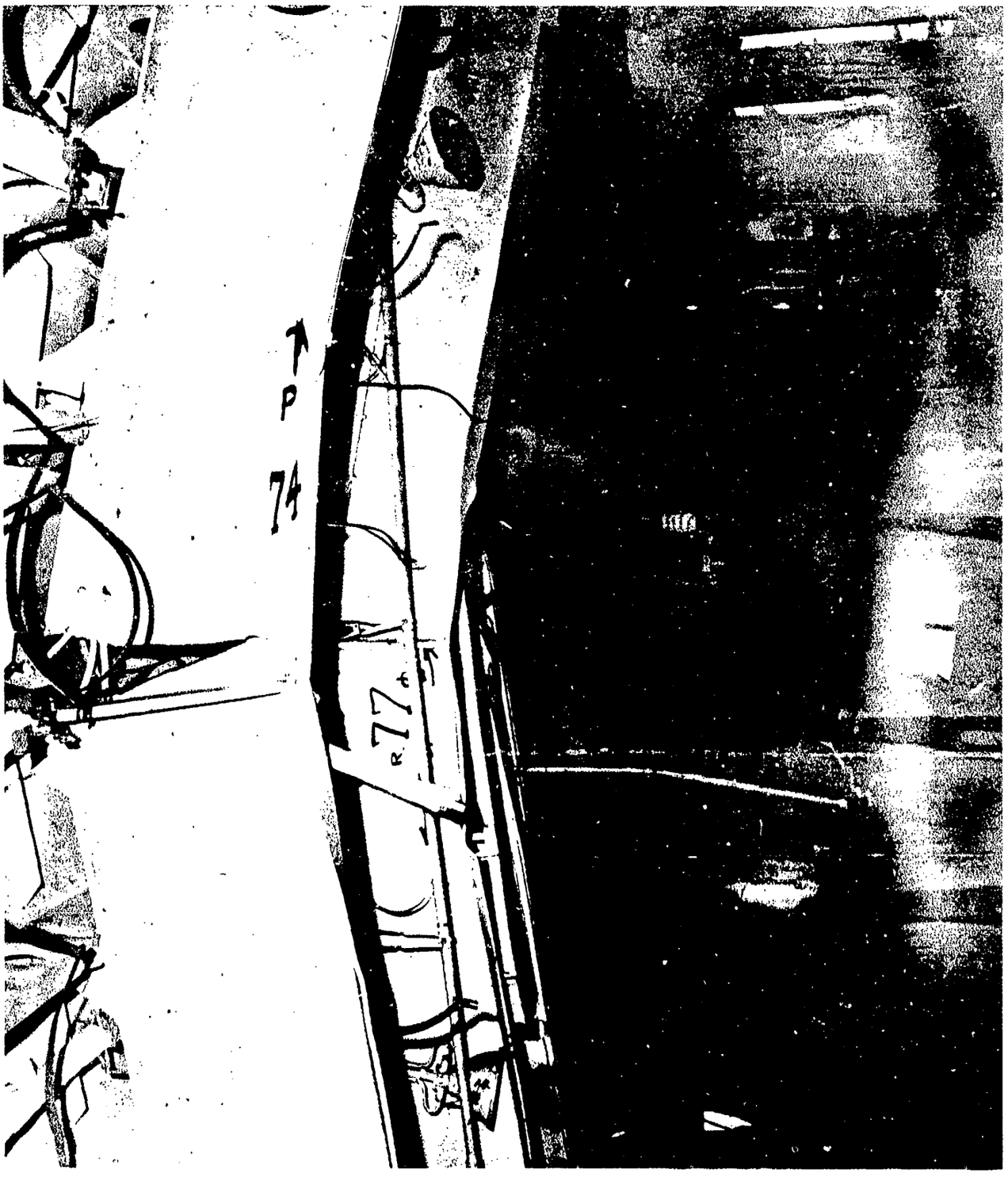
AA-CR-59-2113-8. Hangar siding, starboard side, showing deformation of intermittently welded stiffeners. Looking toward starboard. Bents 74-77.



AA-CR-80-4186-7. After Baker - Flight deck Bent 74, starboard bottom, looking forward.



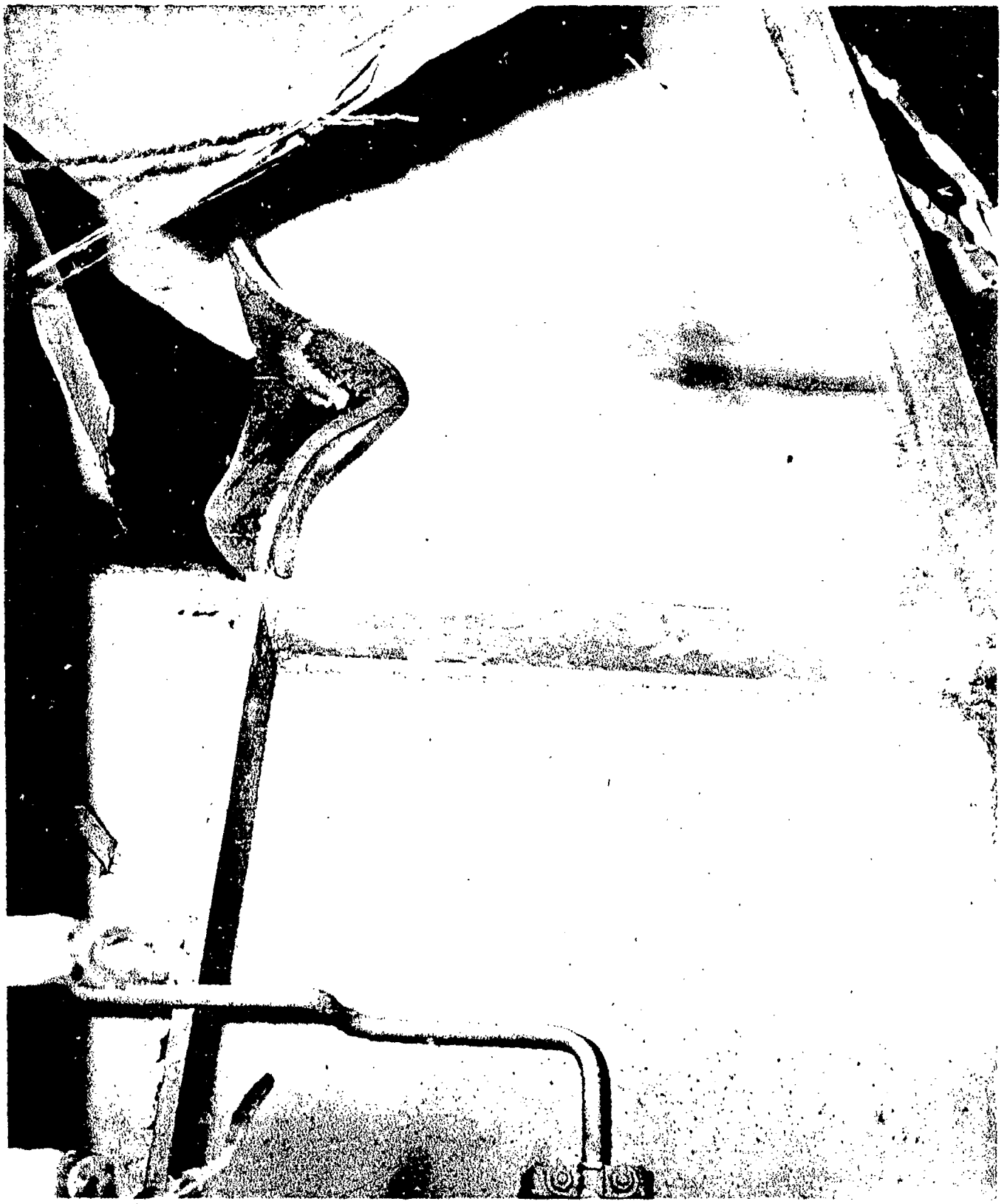
AA-CR-175-2119-2. Flight deck Bents 74 and 77, showing deformation and fractured welds and separation of transverse girders from deck longitudinals. Looking aft.



AA-CR-59-2227-3. Flight deck Bent 74, showing failure of upper flange at centerline and adjacent to weld. Looking aft.



AA-CR-80-4186-8. After Baker - Flight deck Bent 77, port bottom, looking forward.



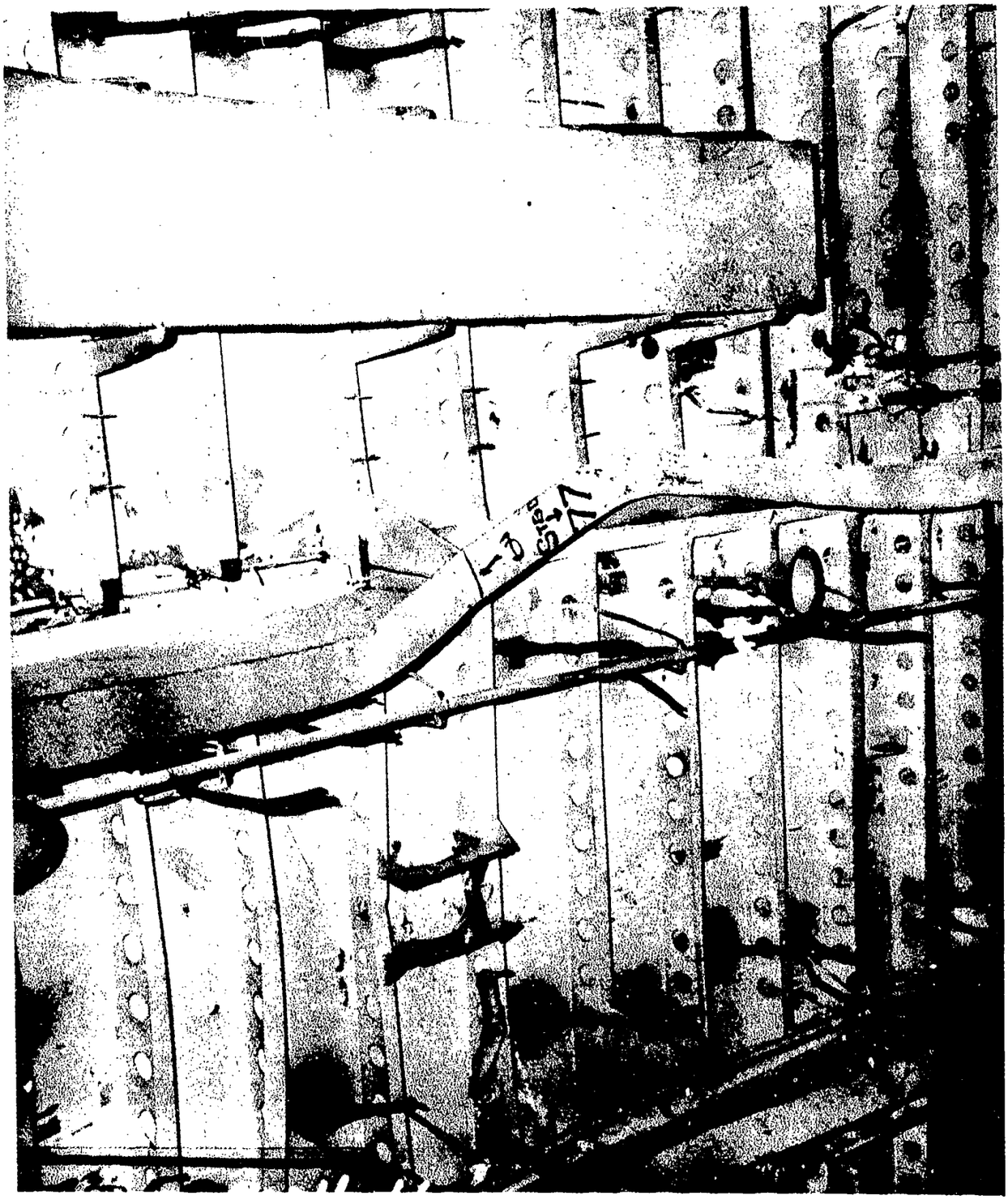
AA-CR-59-2223-5. Flight deck Bent 77. Upper port corner, looking forward.



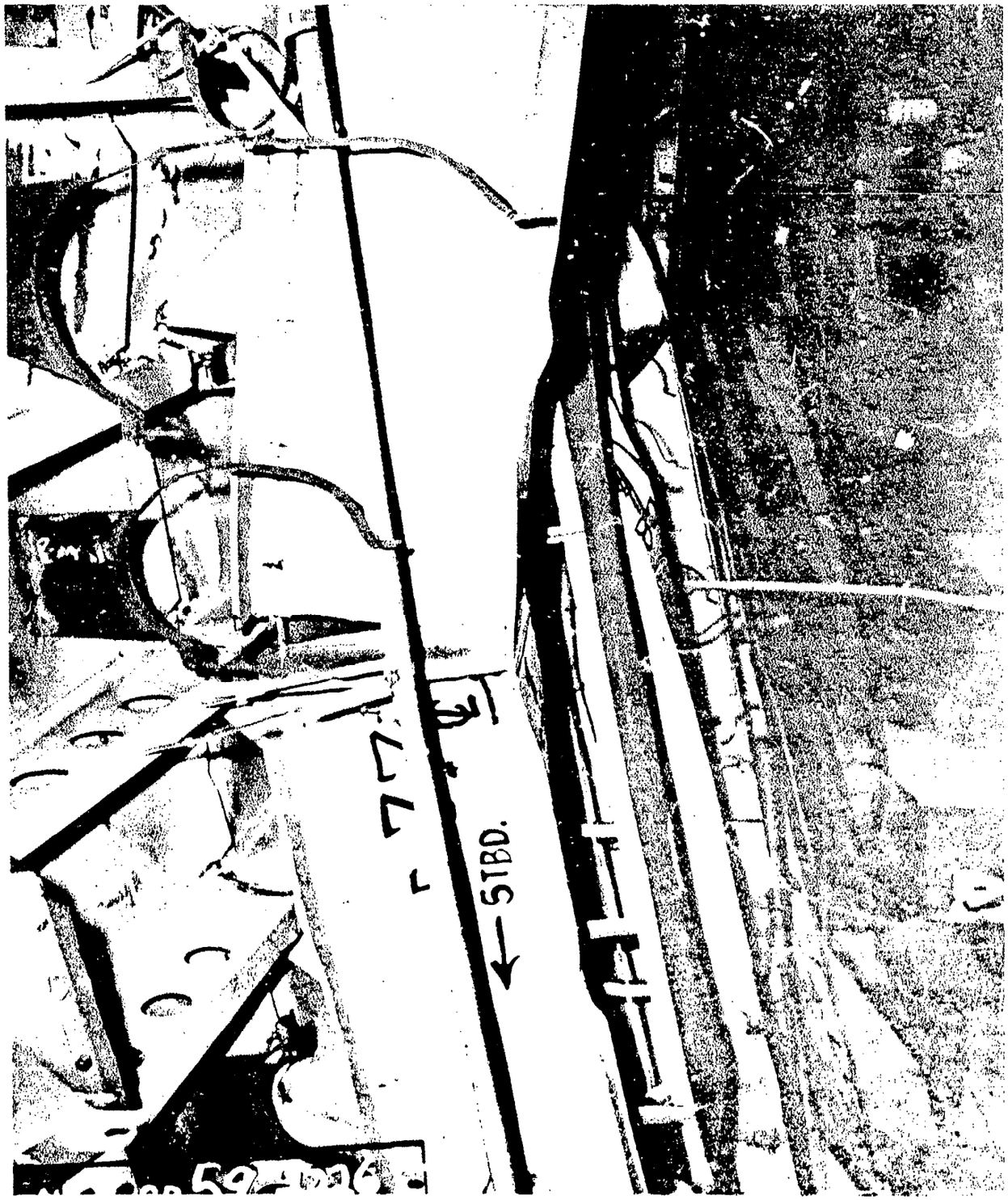
AA-CR-65-1735-12. Under side of flight deck, showing warping of Bent girder 77 at centerline. Looking to starboard.



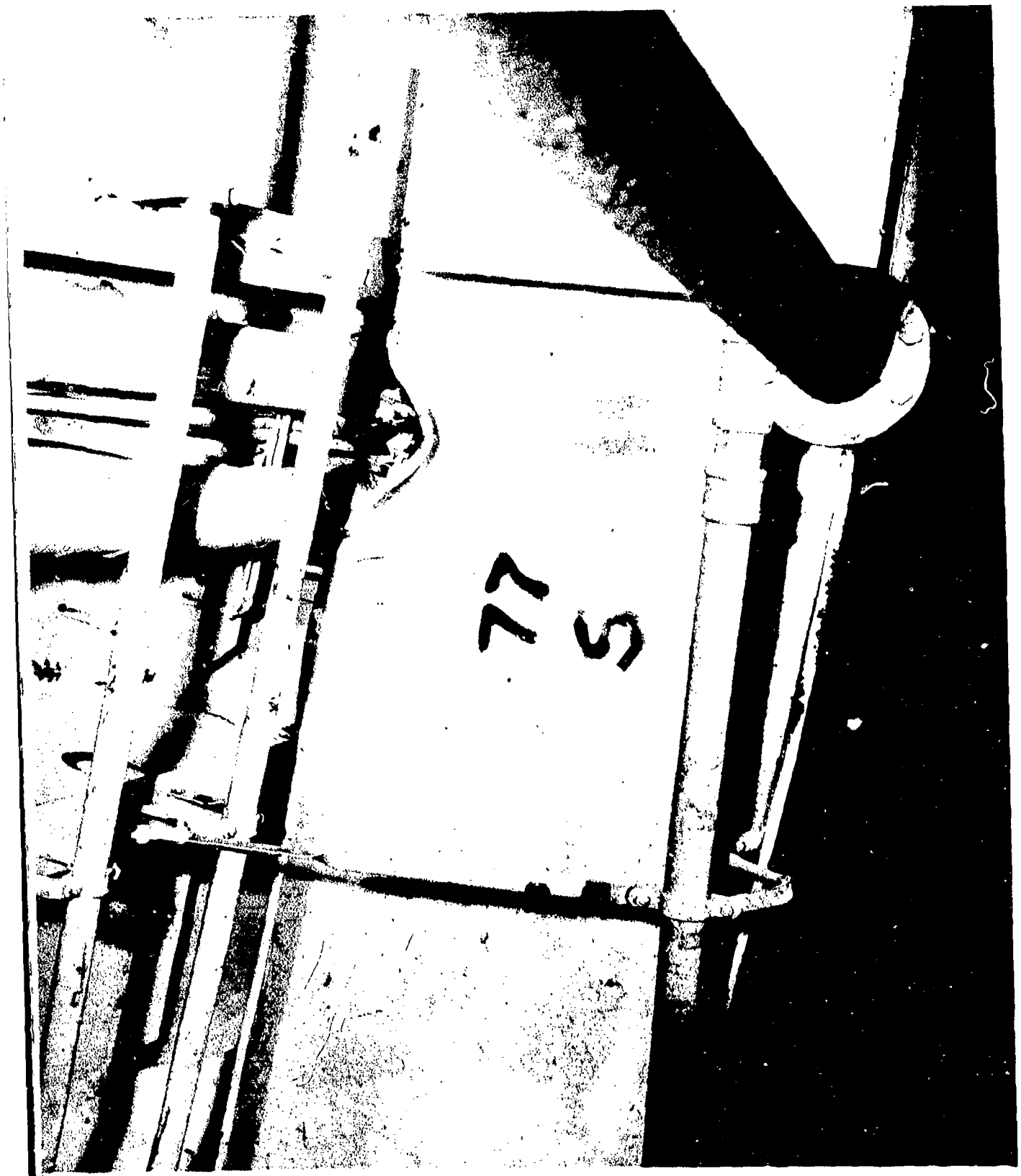
AA-CR-100-4162-10. Flight deck Bent 77, showing deformation of transverse girder at centerline. Looking to port.



AA-CR-59-2224-4. Flight deck Bent 77, showing deformation and fracture adjacent to centerline butt weld. Looking to starboard.



AA-CR-59-2226-10. Flight deck Bent 77, showing failure at centerline butt at upper flange and adjacent to weld. Looking aft.



AA-CR-59-4148-12. Flight deck Bent 77, starboard side, showing failure of transverse girder. Looking forward.



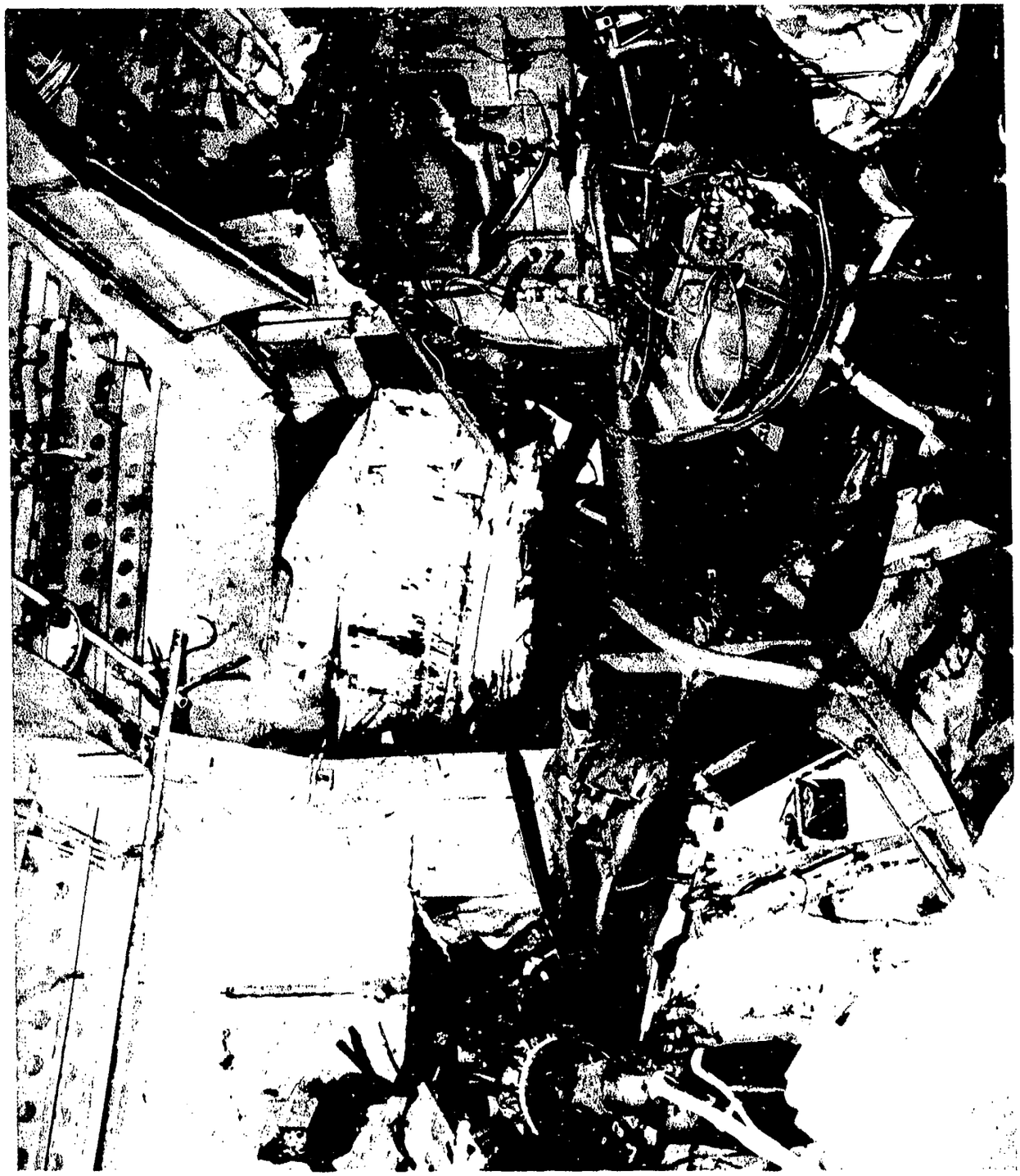
AA-CR-80-4186-9. After Baker - Flight deck Bent 77, Starboard bottom, looking forward.



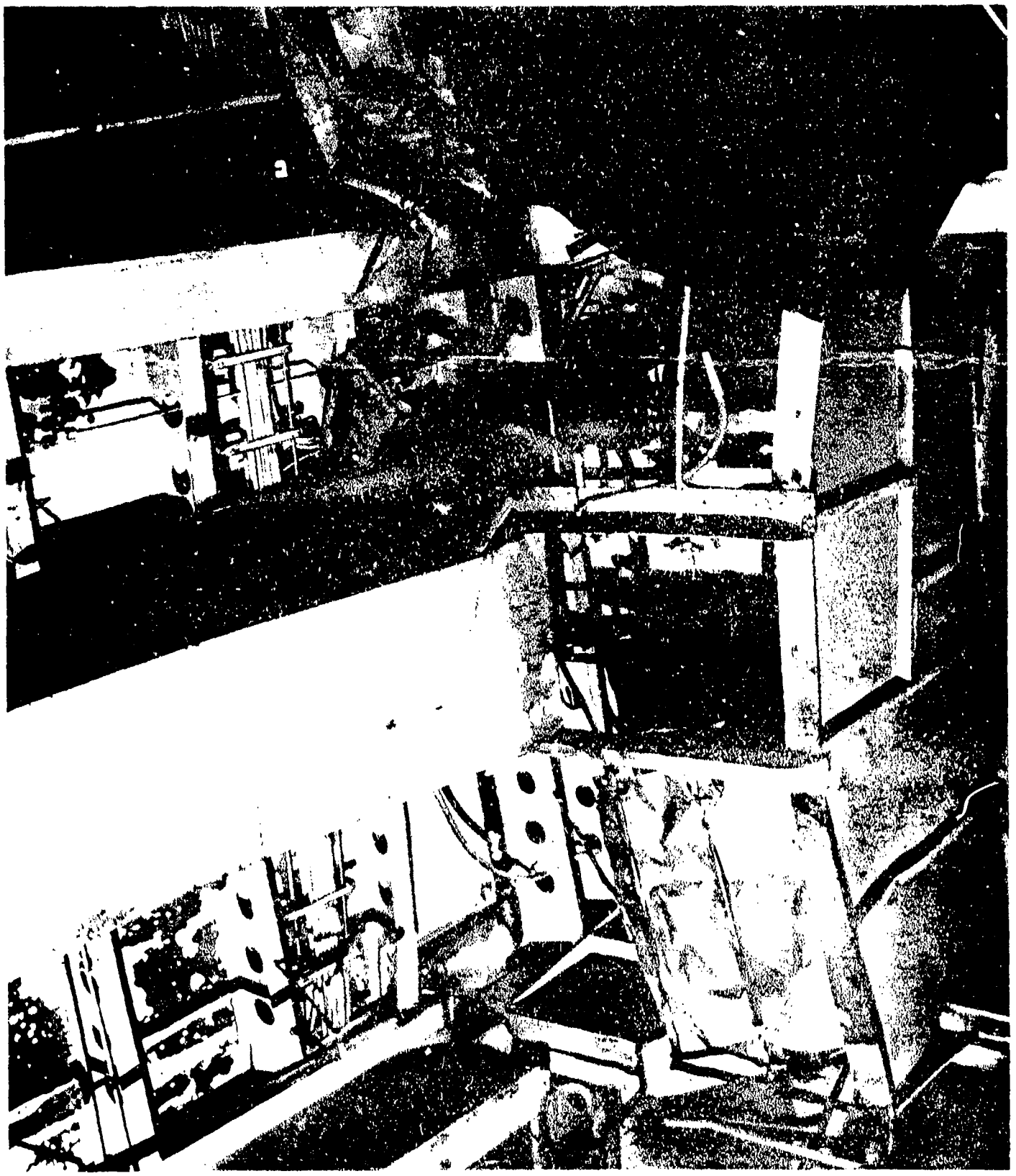
AA-CR-175-2039-7. General view in vicinity of flight deck Bent 77-80, starboard side. Airplane engine blown into intake plating.



AA-CR-4160-7. Outboard view of panel plating between Bents 77-80. Looking inboard and aft from starboard side.



AA-CR-175-2039-8. Flight deck Bents 77 and 80, starboard side, showing failure of overhead connection of Bent 80 in fillet welds. Looking to starboard. Note separation of plane and engine.



AA-CR-65-958-9. Underside of flight deck, Bents 77-80, showing control station port side. Note upward bow of control platform.



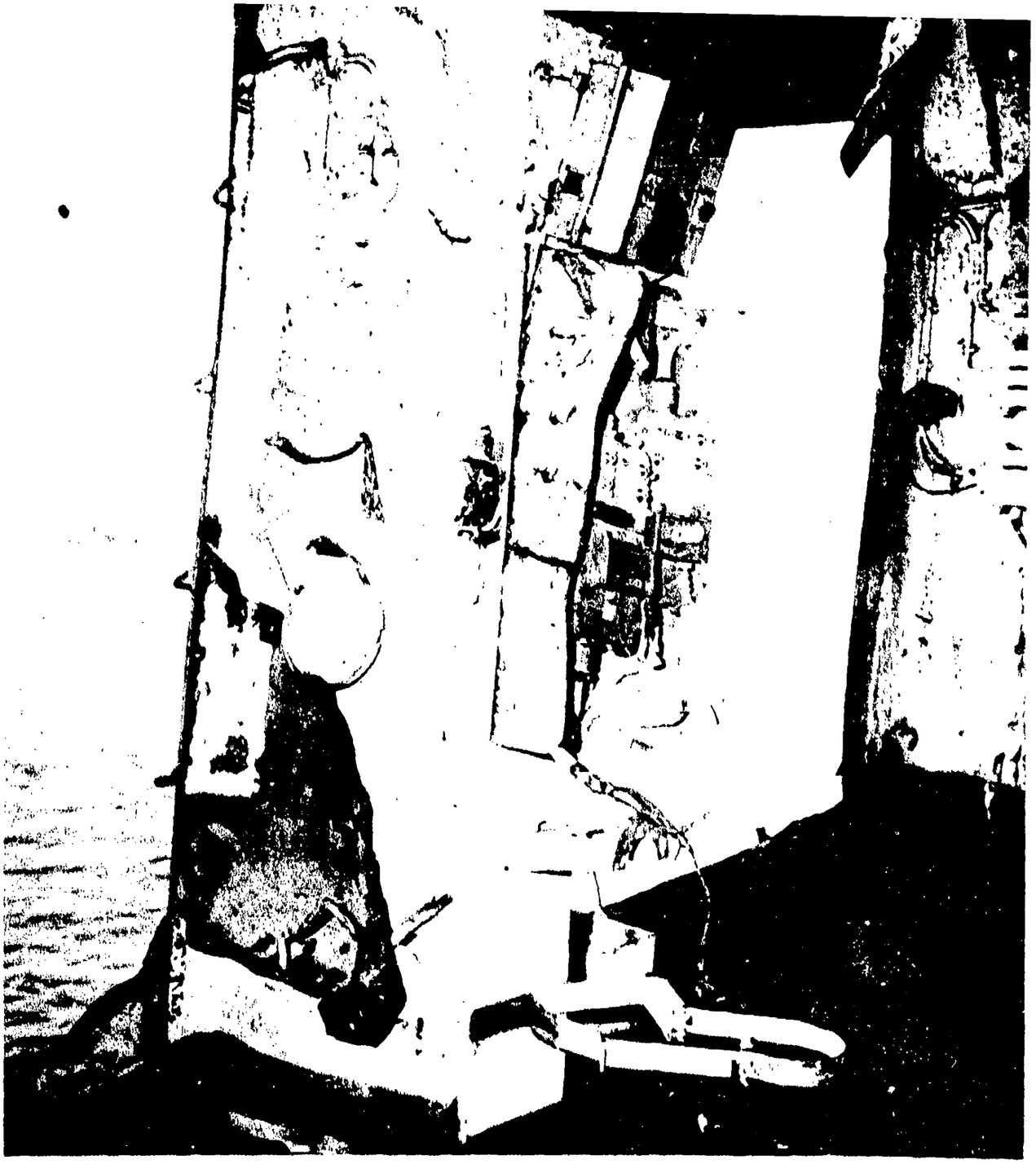
AA-CR-59-2226-7. Piece of sheet metal molded over flight deck longitudinal, frame 79, starboard side.



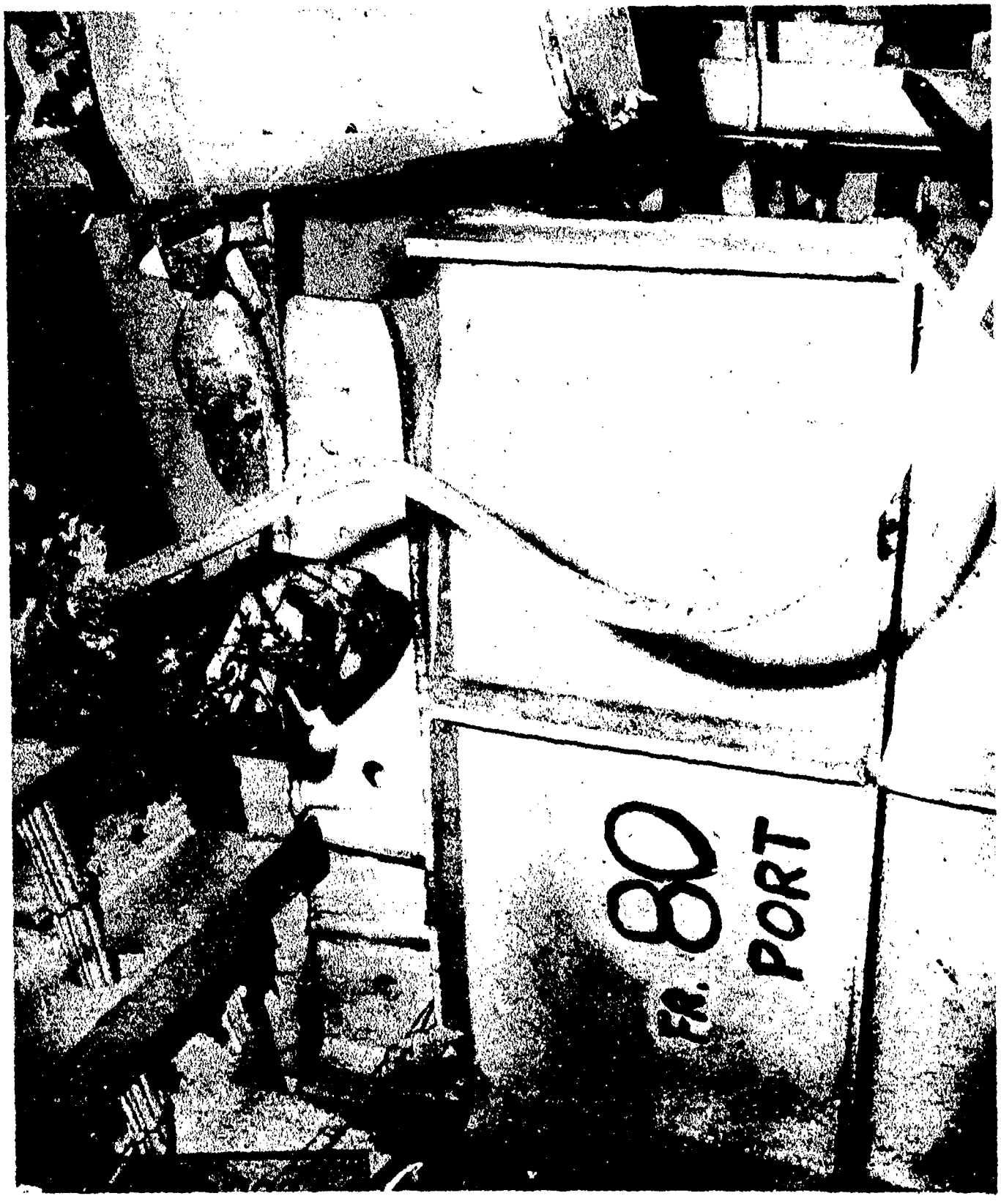
AA-CR-175-2131-4. Flight deck Bent 80, port side, looking forward from Bent 83.



AB-CR-80-4186-11. After Baker - Flight deck Bent 80, starboard bottom, looking forward.



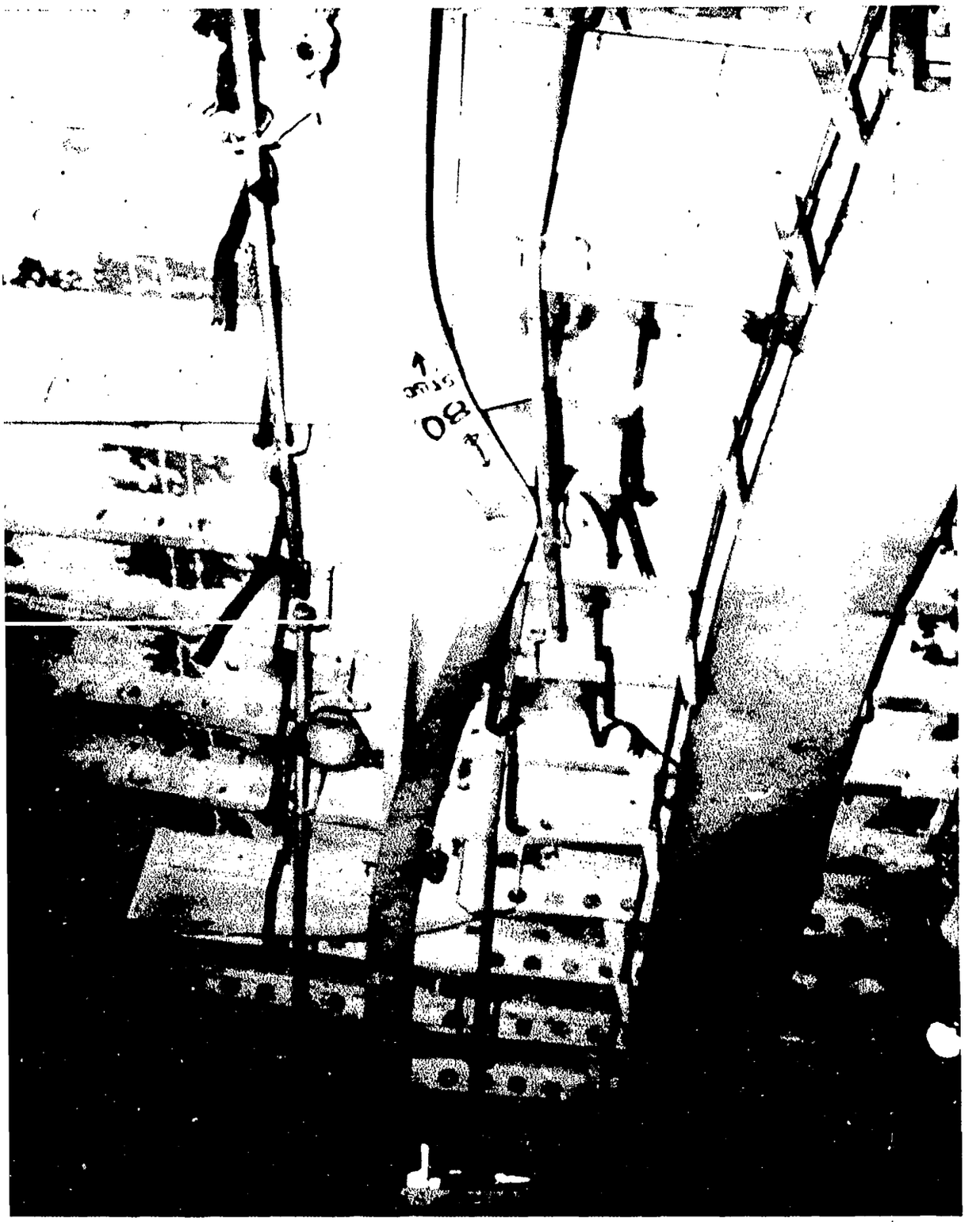
AB-CR-80-4186-10. After Baker - Flight deck Bent 80, port bottom, looking forward.



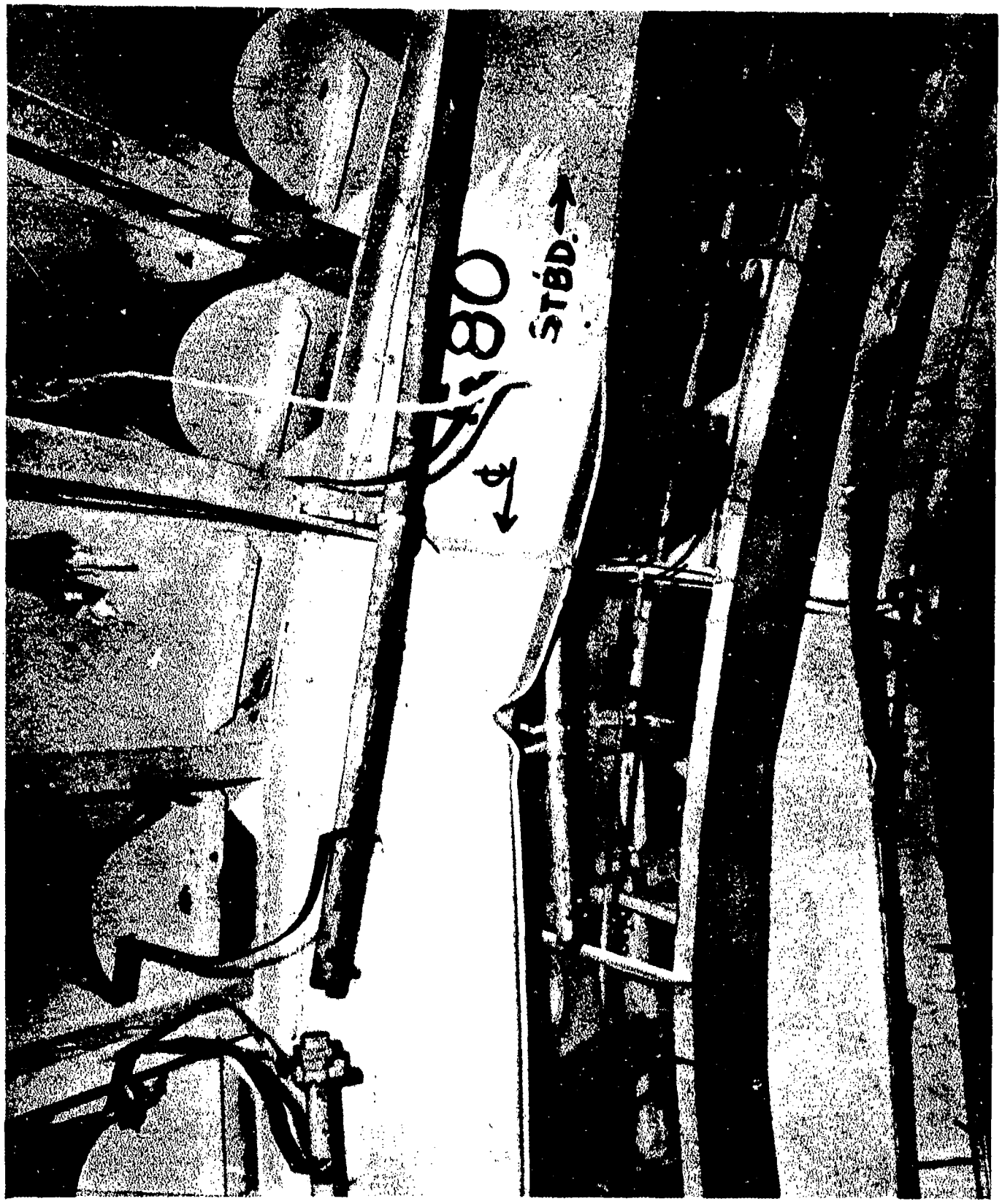
AA-CR-59-2223-6. Flight deck Bent 80, port side, showing failure of overhead connection adjacent to weld. Looking forward.



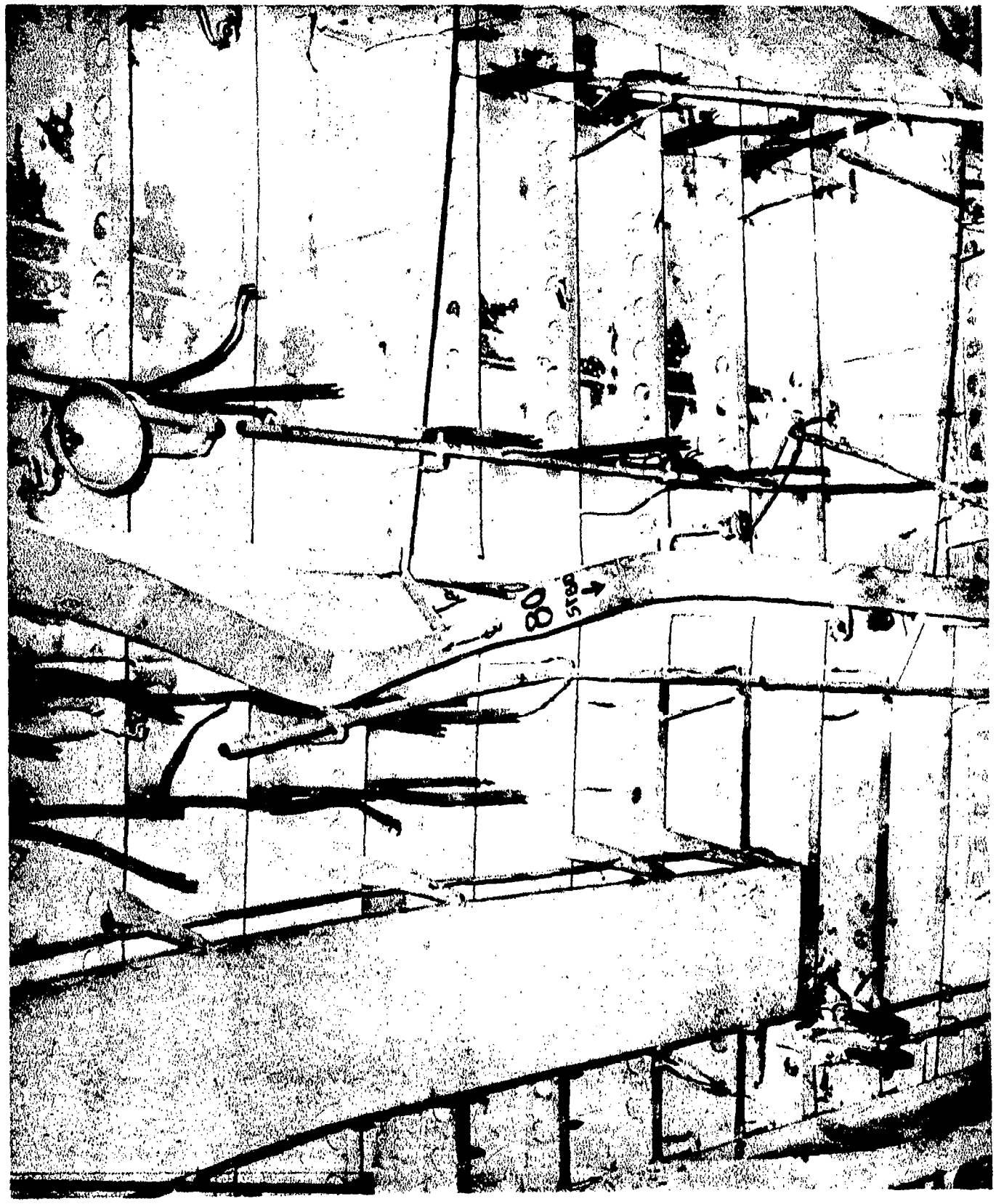
AA-CR-59-2226-8. Flight deck Bent 80, starboard side showing failure of overhead connection adjacent to weld and failure of welds connecting Bent to deck longitudinals. Looking aft.



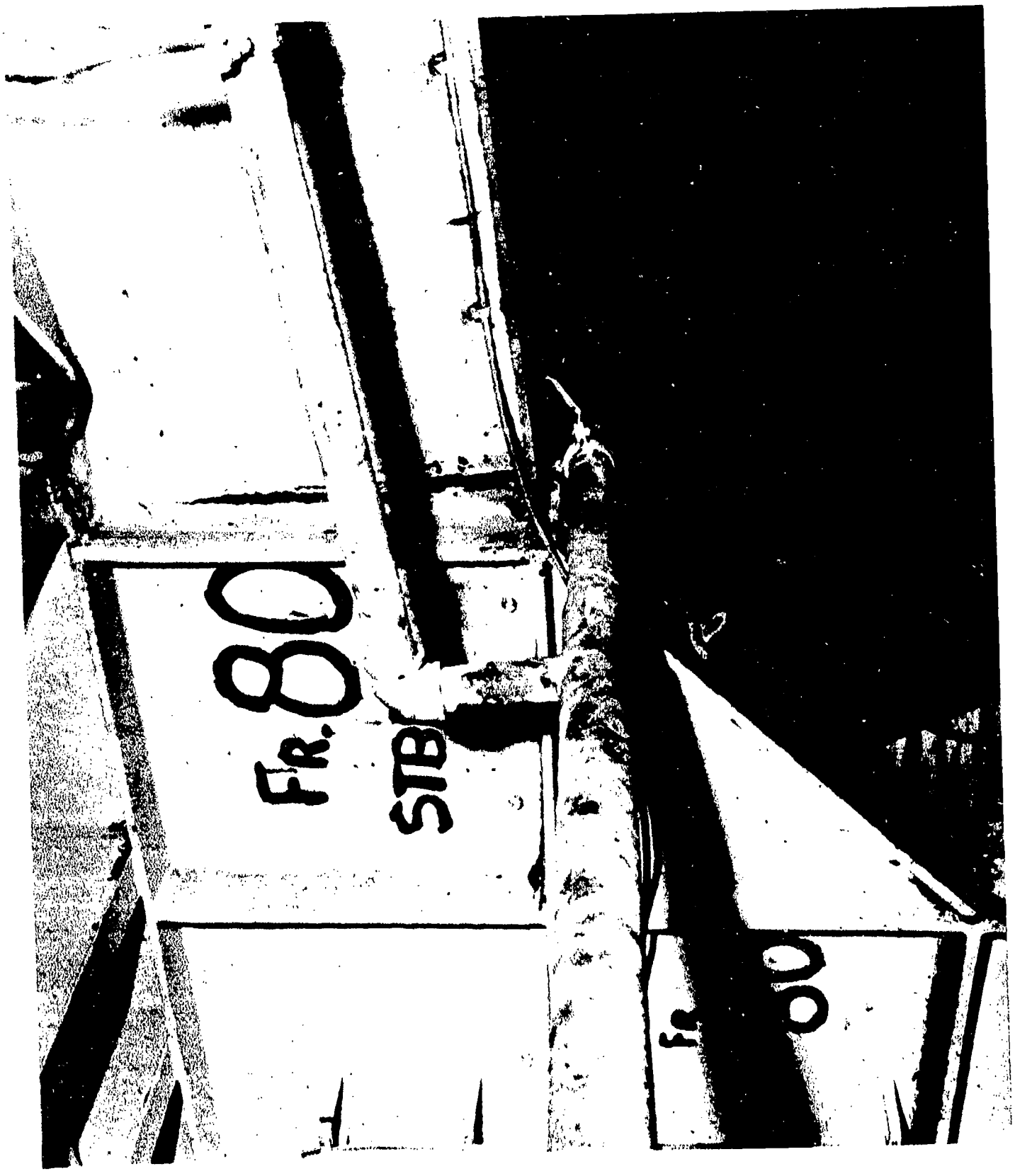
A-CR-100-4162-11. Flight deck Bent 80. Looking to port showing warping of girder.



AA-CR-59-2225-8. Flight deck Bents 80-77-74, looking forward, showing distortion of centerline.



AA-CR-59-2224-5. Flight deck Bent 80, looking to starboard, showing warping of girder at centerline.



AA-CR-59-4149-1. Flight deck Bent 80, starboard side, showing fracture of transverse girder adjacent to vertical fillet weld.



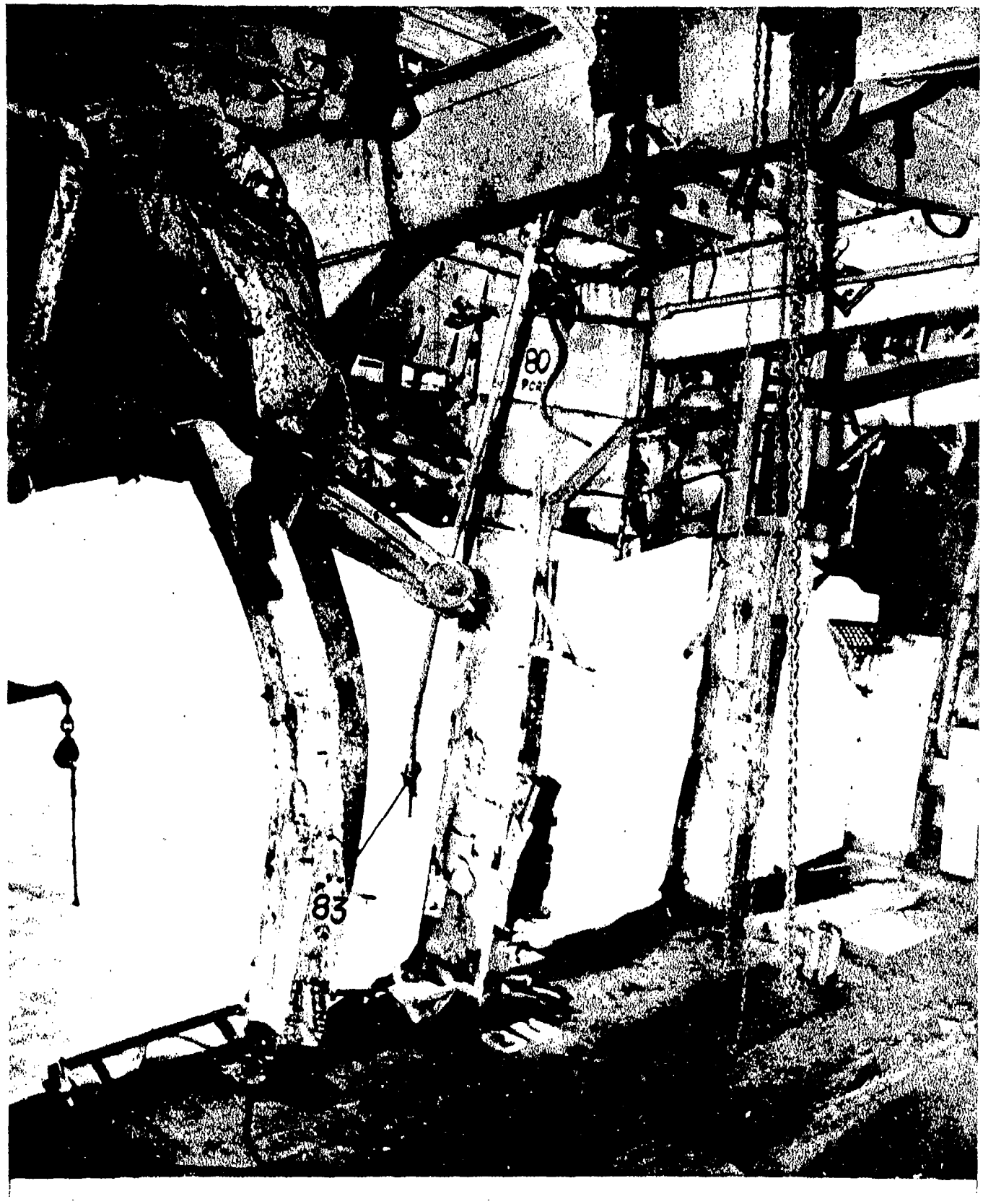
AA-CR-175-2119-1. Flight deck Bents 80 and 83, centerline, looking aft from frame 78.



AA-CR-59-2226-4. Remains of No. 3 uptake and Wobble Bent 83, starboard side.



AB-CR-80-4187-2. After Baker. Flight deck Wobble Bents 86 and 83, port top, looking forward.



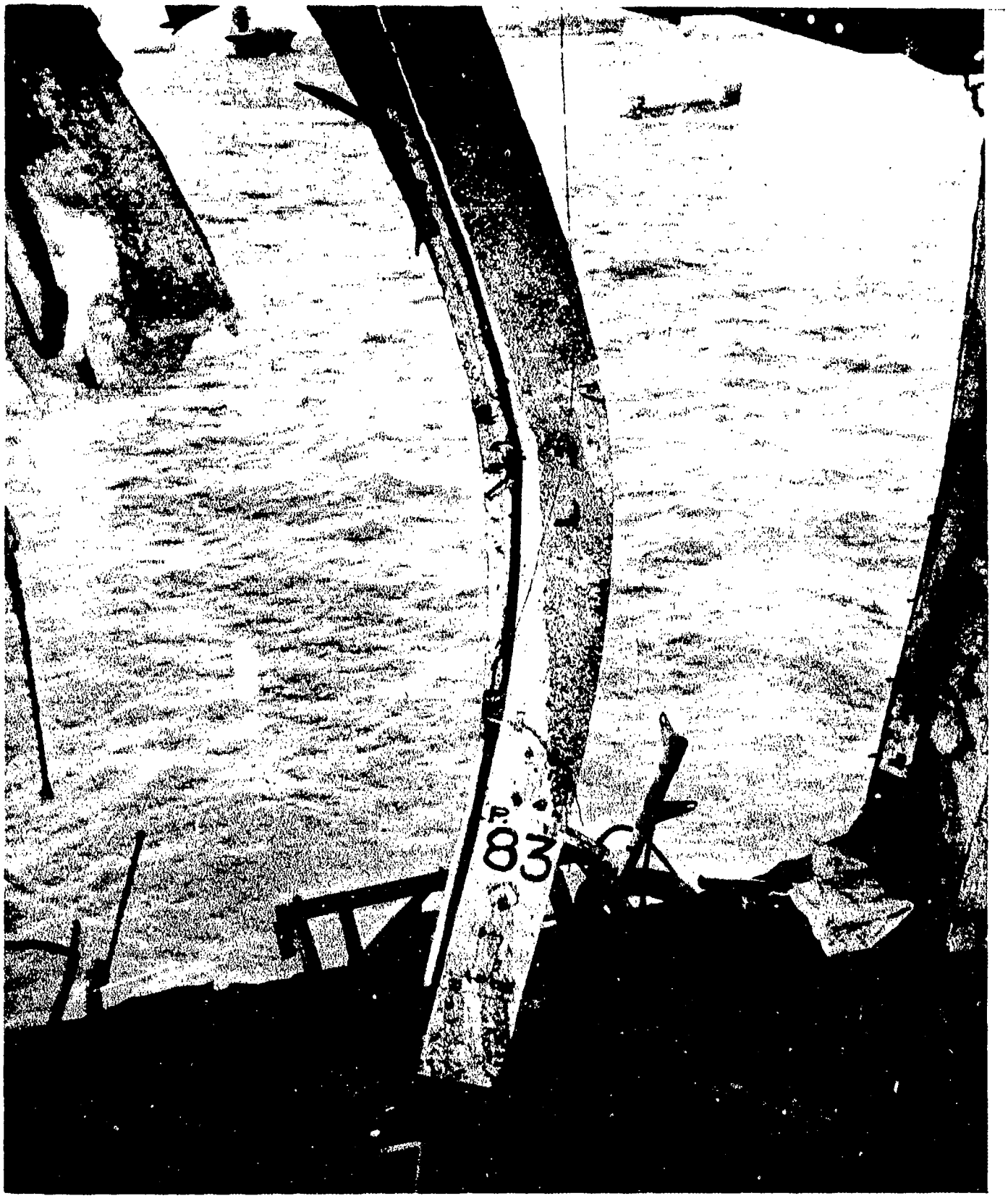
AA-CR-59-2225-6. Hangar-General view between Bents 74 and 86, showing failure of Wobble Bent 83 at deck.



AA-CR-59-2225-4. Hanger-showing failure of Bents 83 and 86. Port side.



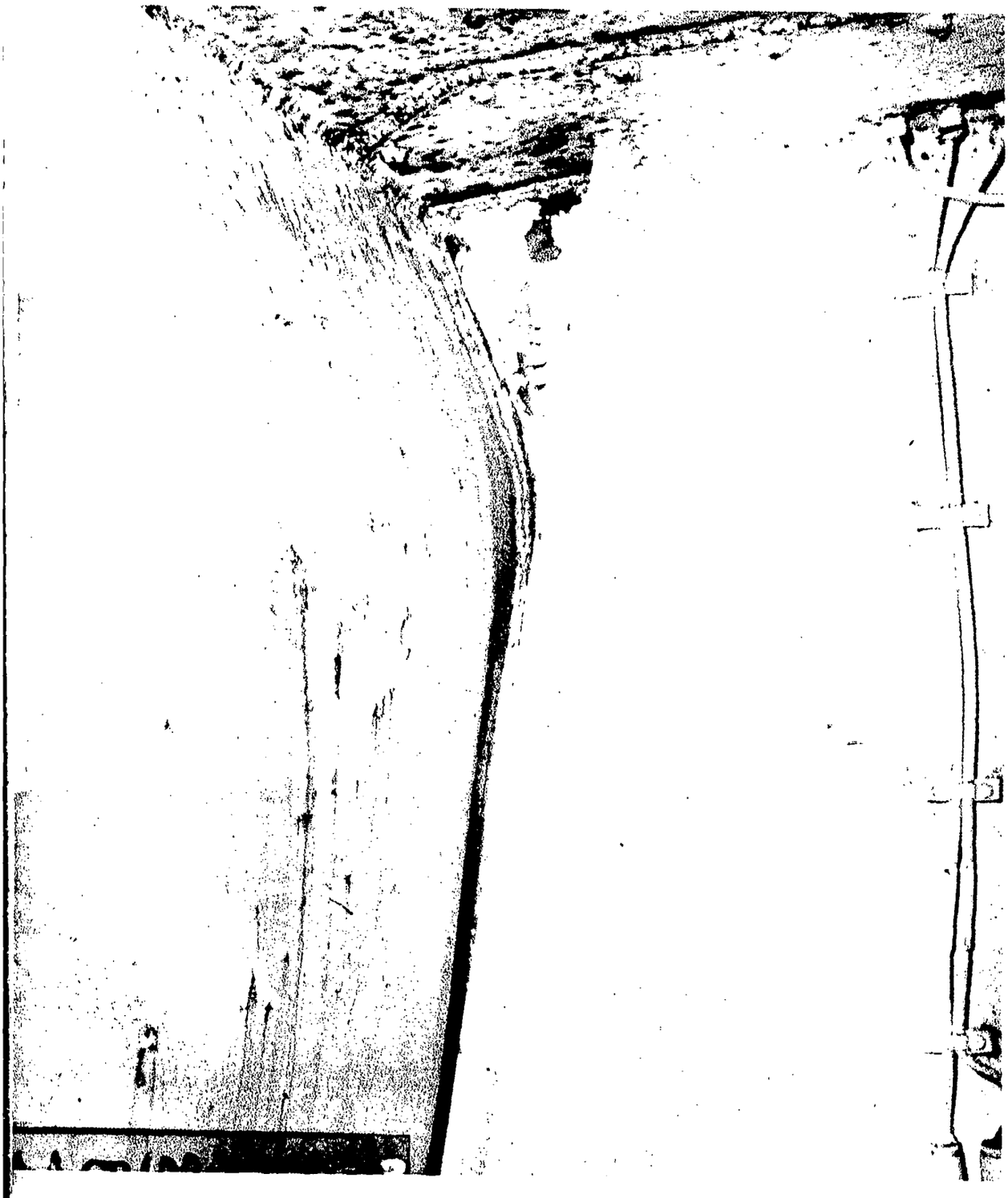
AA-CR-59-2226-5. Wobble Bents 83 and 86, port side.



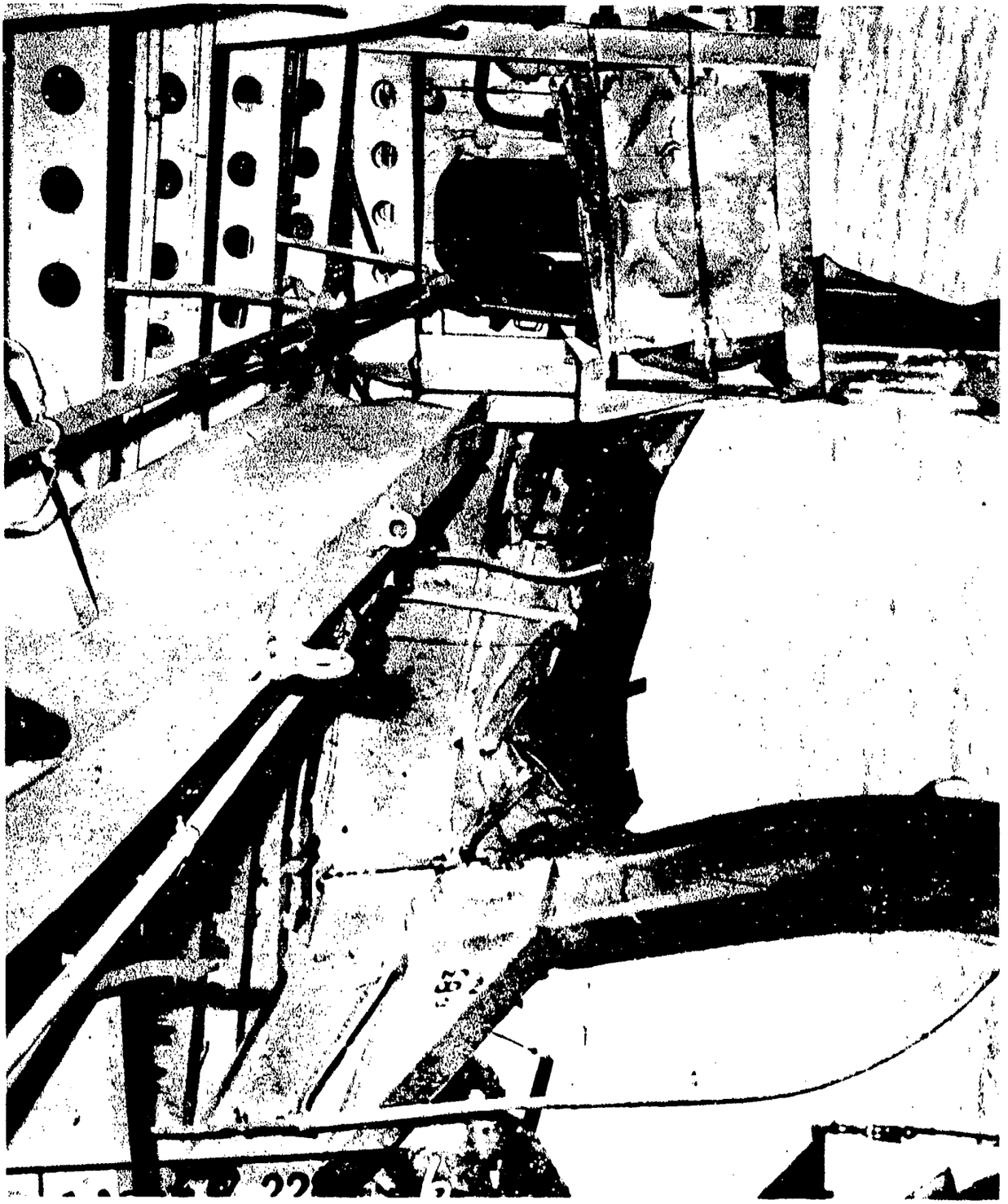
AA-CR-59-2223-8. Looking to port showing curvature of port side Wobble Bent 83.



AA-CR-100-4160-12. Hangar. Detail in way of Wobble Bent deck pad 83, port side.



AA-CR-100-165-3. Frame 83, looking forward, port side. Showing buckling of shell and 5.1# bracket. Footing under Wobble Bent not affected.



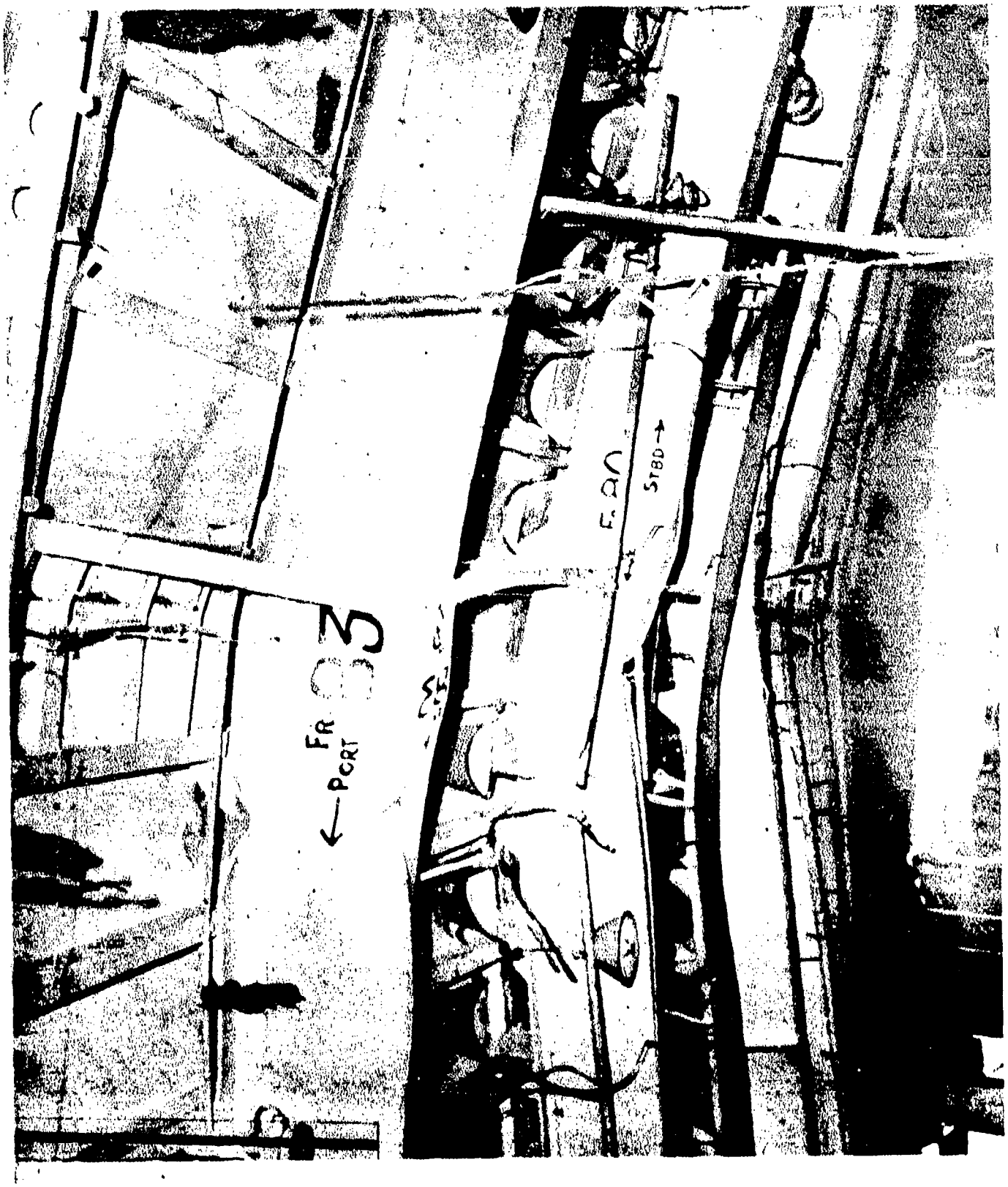
AA-CR-59-2226-6. Underside of flight deck, looking to port at Bent 80 and Wobble Bent 83. Note failure of transverse girder of bent 80 at bracket.



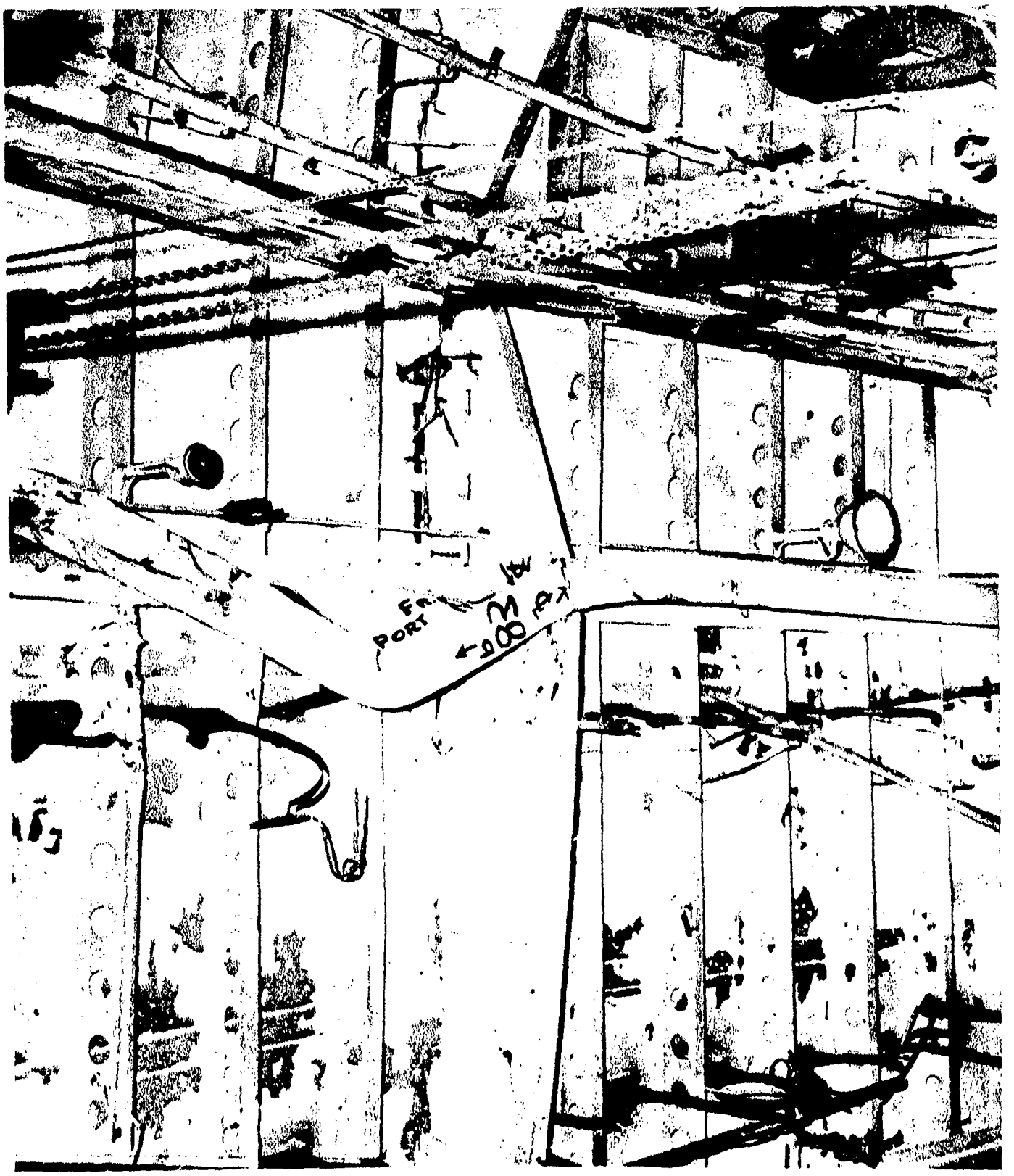
AA-CR-59-2223-7. Flight deck Bent 83, port side failure of welds in overhead connection. Looking aft.



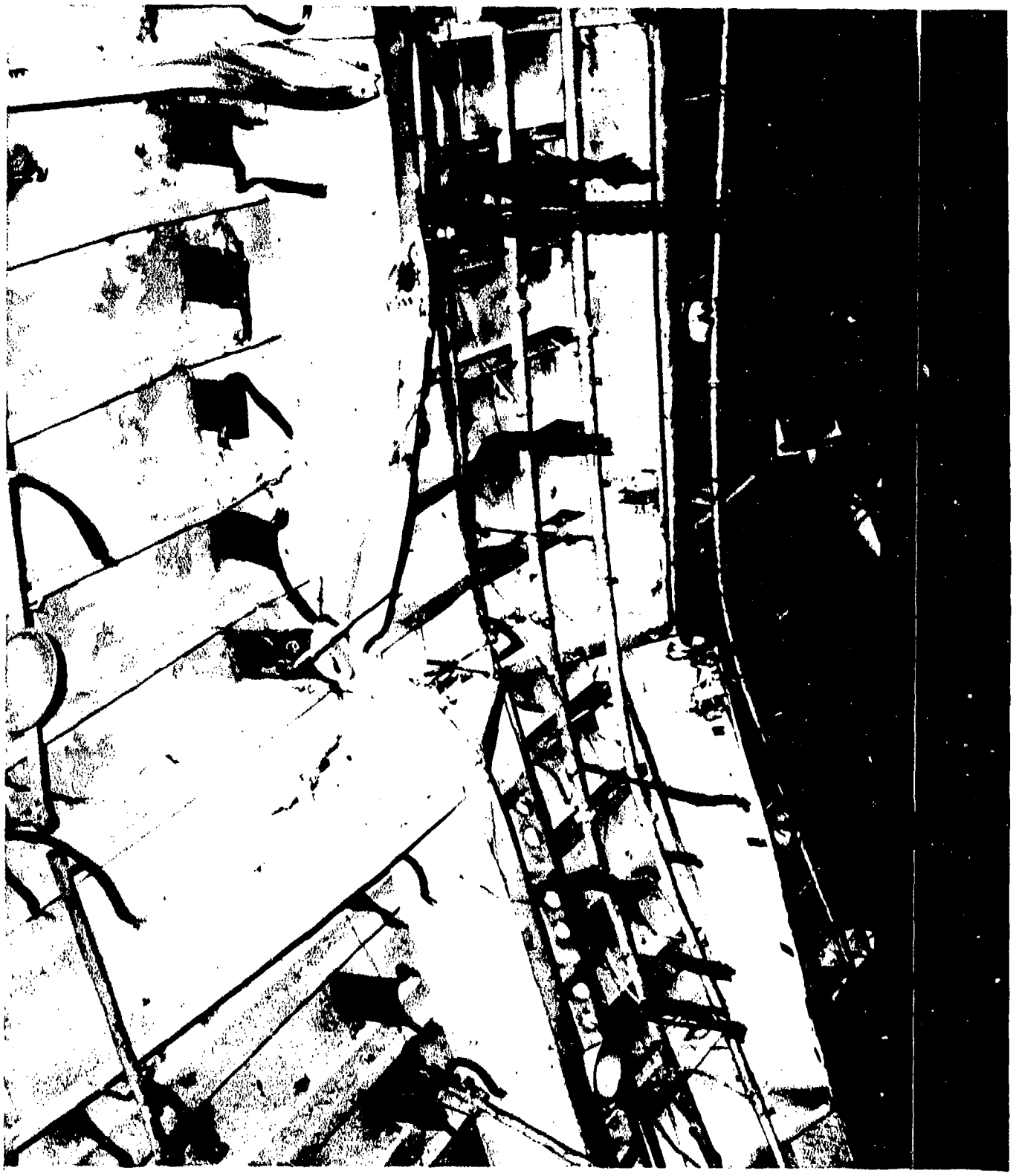
AA-CR-100-4162-12. Flight deck Bent 83, showing deformation of transverse girder near centerline. Looking to port.



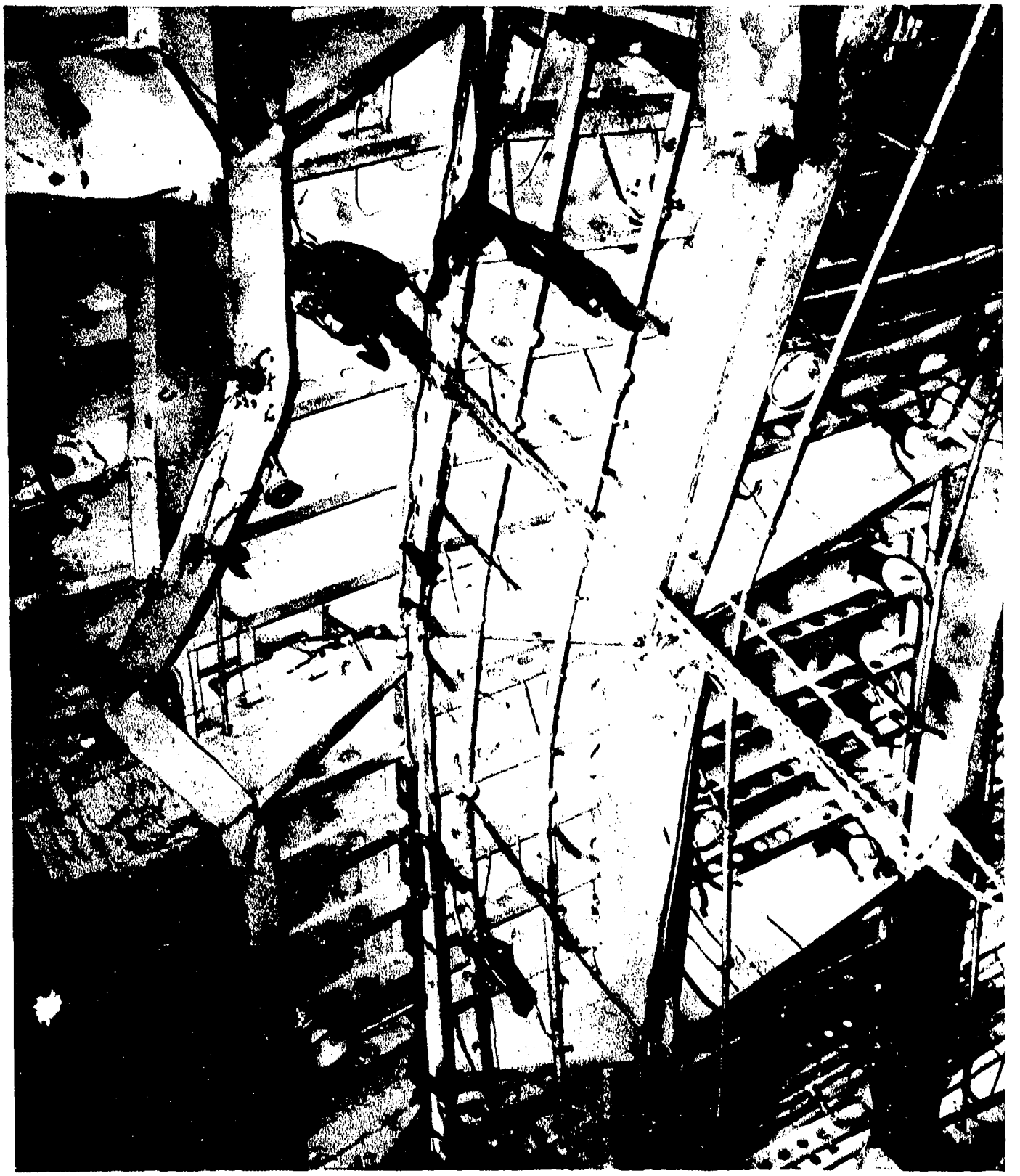
AA-CR-59-2225-3. Flight deck Bent 83, showing deformation of transverse girders near centerline. Looking forward.



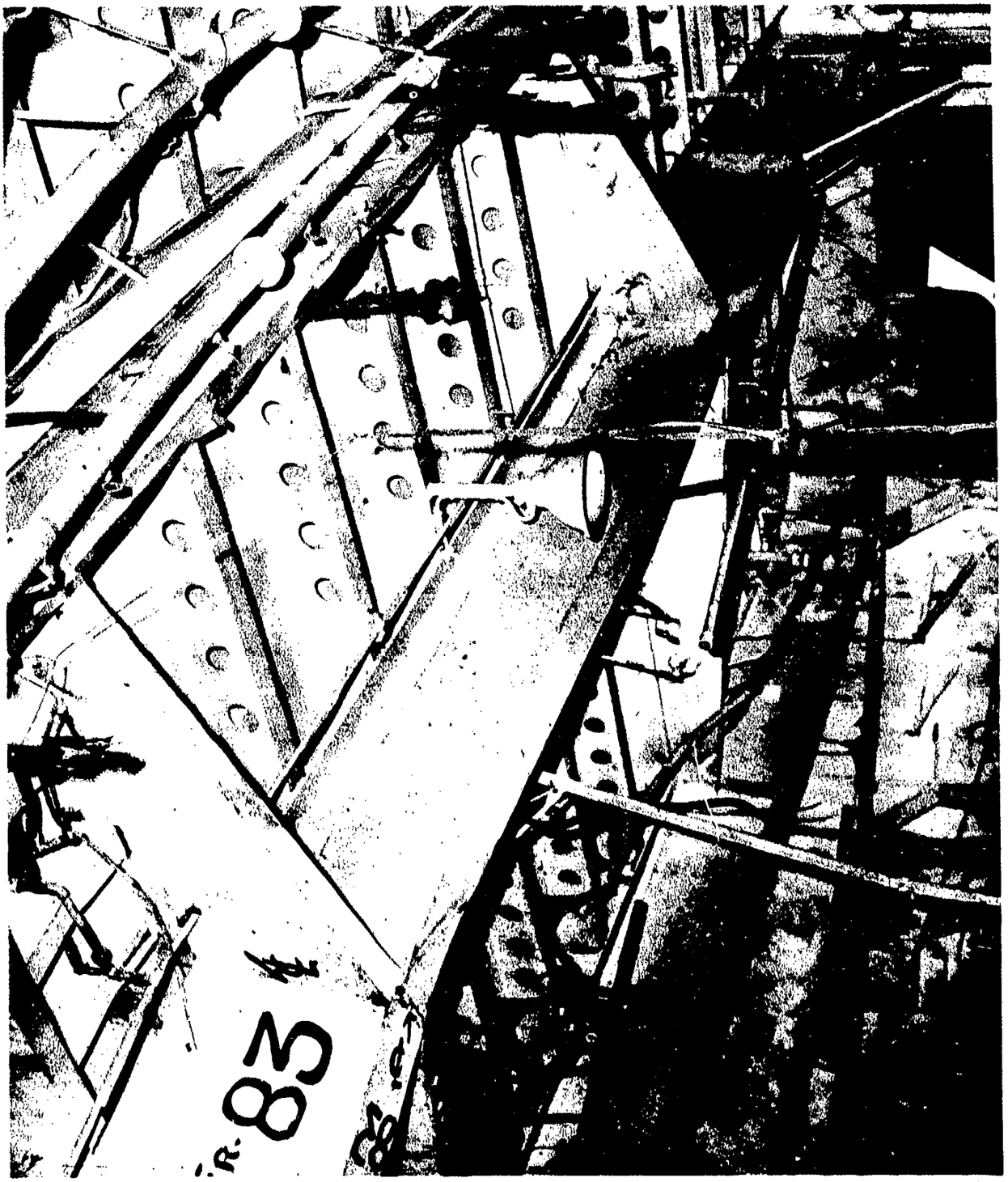
AA-CR-59-2224-6. Flight deck Bent 83, showing deformation and failure of lower flange at centerline welded butt. Looking to starboard.



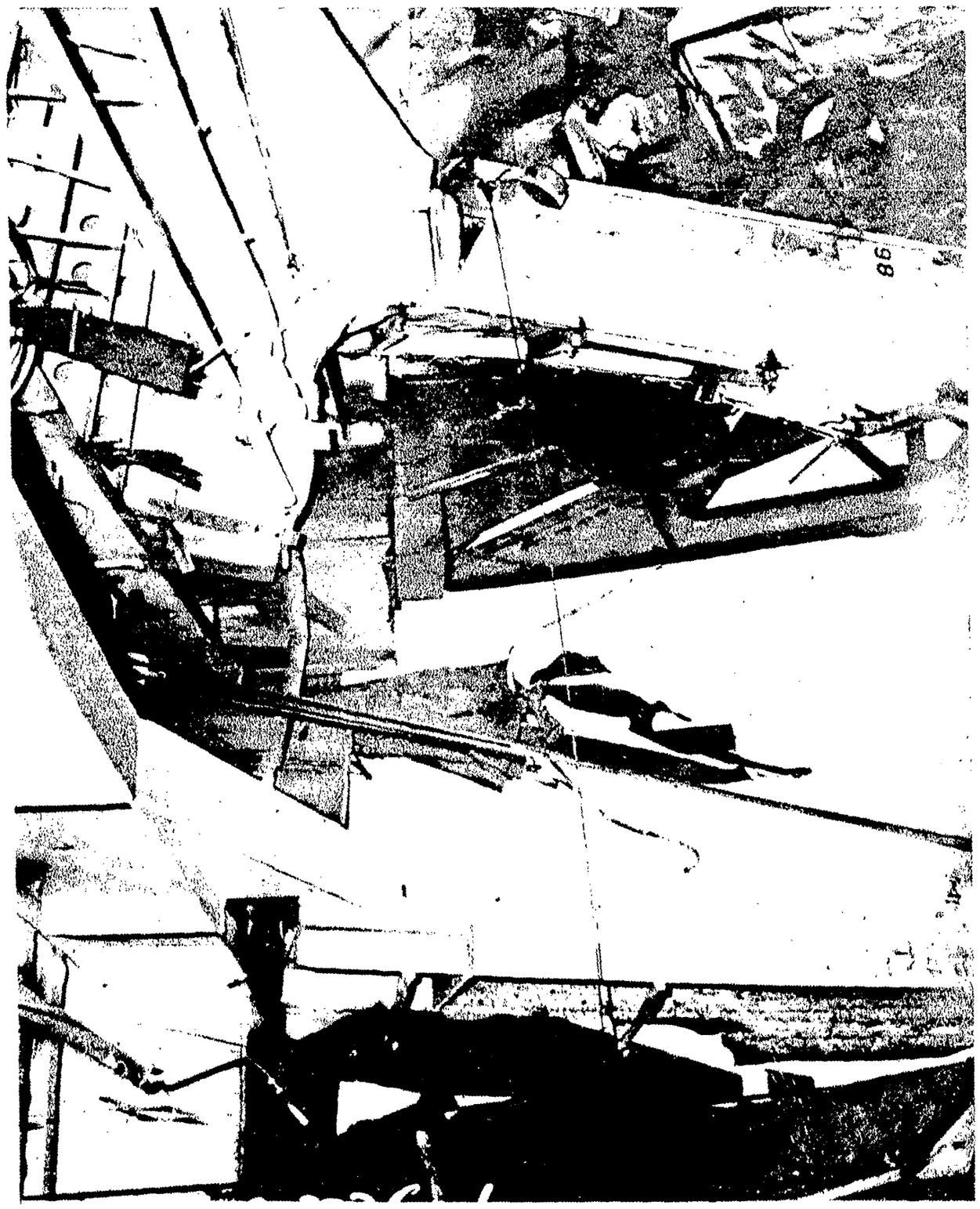
AA-CR-65-1735-11. Underside of flight deck. Looking aft from Bent 77 at Bents 80 to 89 inclusive.



AA-CR-93-2071-7. Underside of flight deck, looking upward and slightly aft from bent 80. Note distorted pipes and pipe hangers.



AA-CR-59-2225-7. Underside of flight deck at Bent 83. Looking forward and to starboard. Note opening of expansion joint.



AA-CR-59-2226-1. Flight deck Wobble Bents 83 and 86, starboard side, showing deformation and fracture in vertical members. Looking aft.



AA-CR-59-2225-5. Hangar-General view between Bents 77 and 86. Looking forward and to starboard.



AA-CR-175-2132-4. Flight deck Bent 83, starboard side, showing failure of overhead connection in fillet welds. Looking forward.



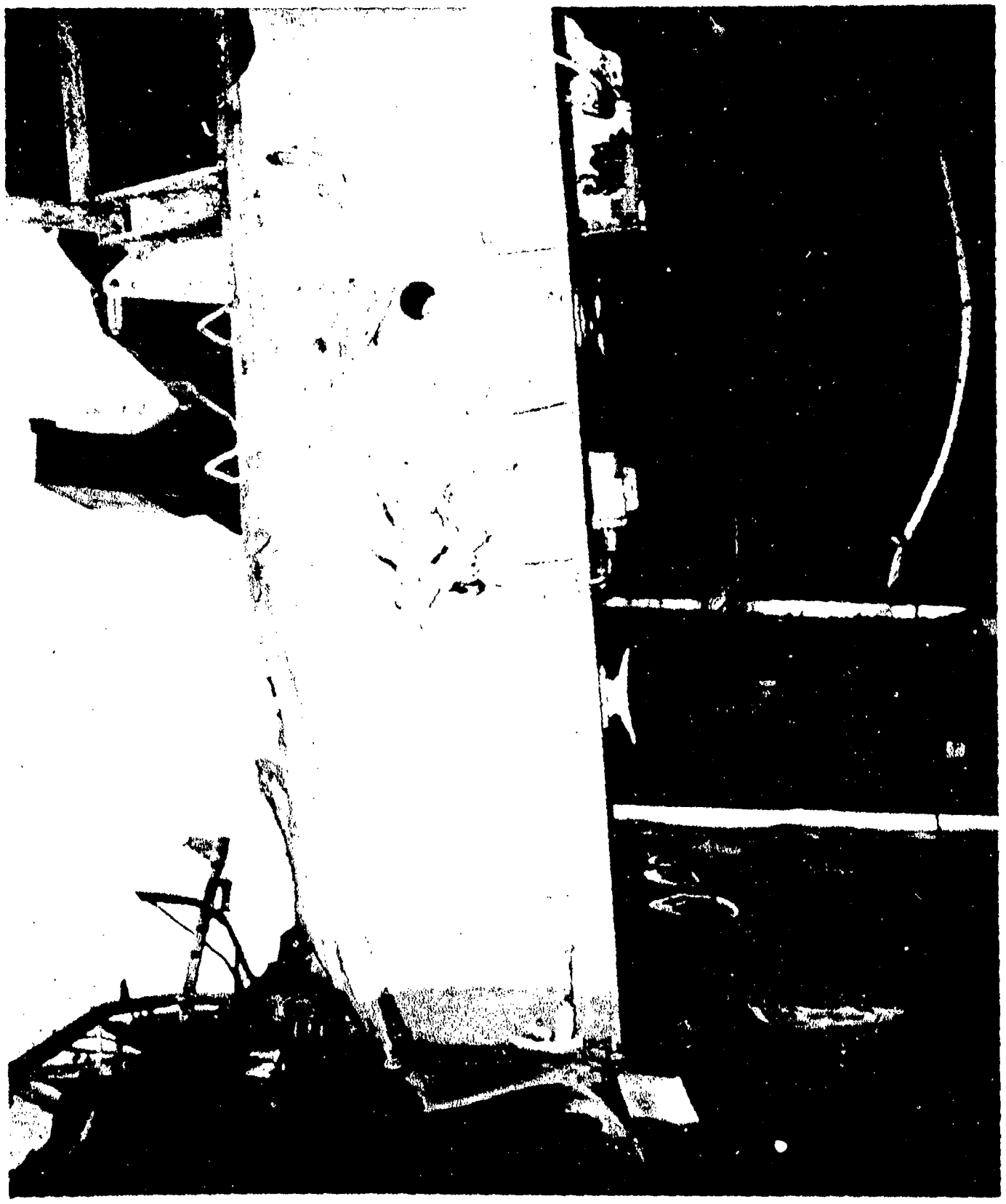
AA-CR-65-1736-6. Hangar-General view of matted scrap between Bents 80 and 83.



AA-CR-100-4160-10. Flight deck Bent 83, starboard side, showing failure of overhead connection in small single bead fillet welds at inboard flange of column. Looking outboard.



AA-CR-80-4187-1. After Baker. Flight deck Wobble Bent 83, starboard bottom, looking aft.



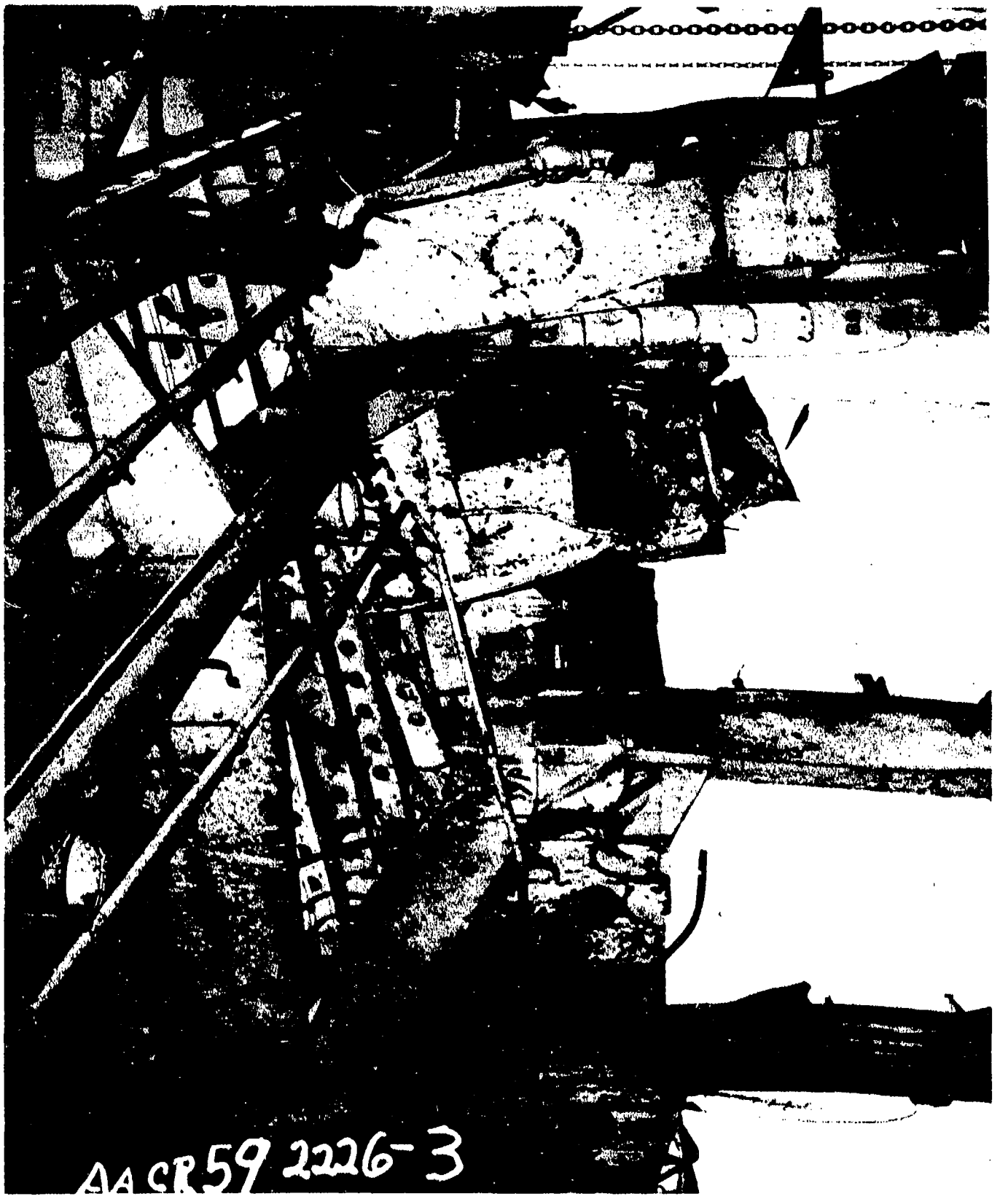
AB-CR-80-4187-3. After Baker. Flight deck Wobble Bent 86, port bottom, looking forward.



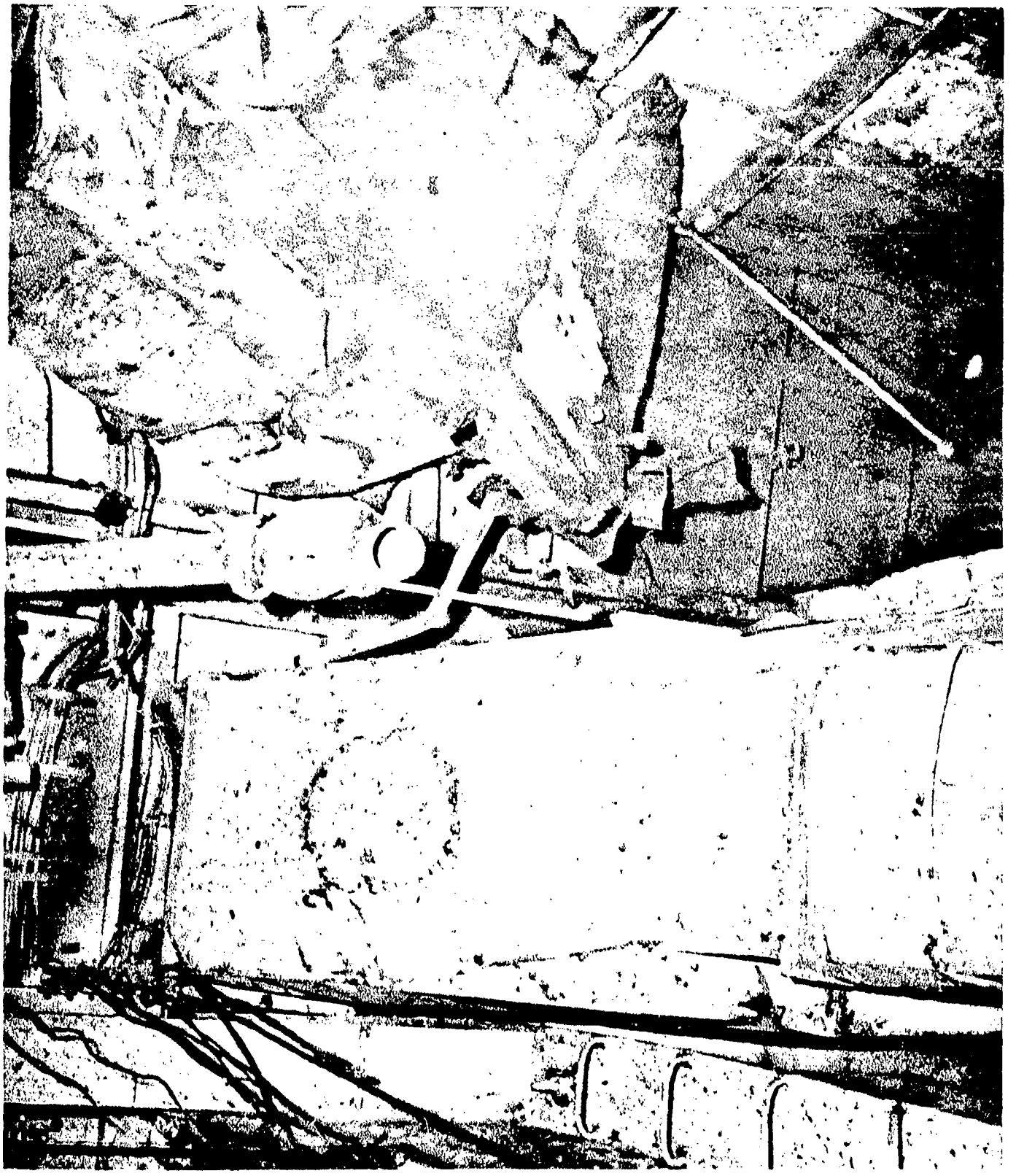
AA-CR-100-4162-1. Hangar deck, frame 86, port side Note trace of Wobble Bent pad.



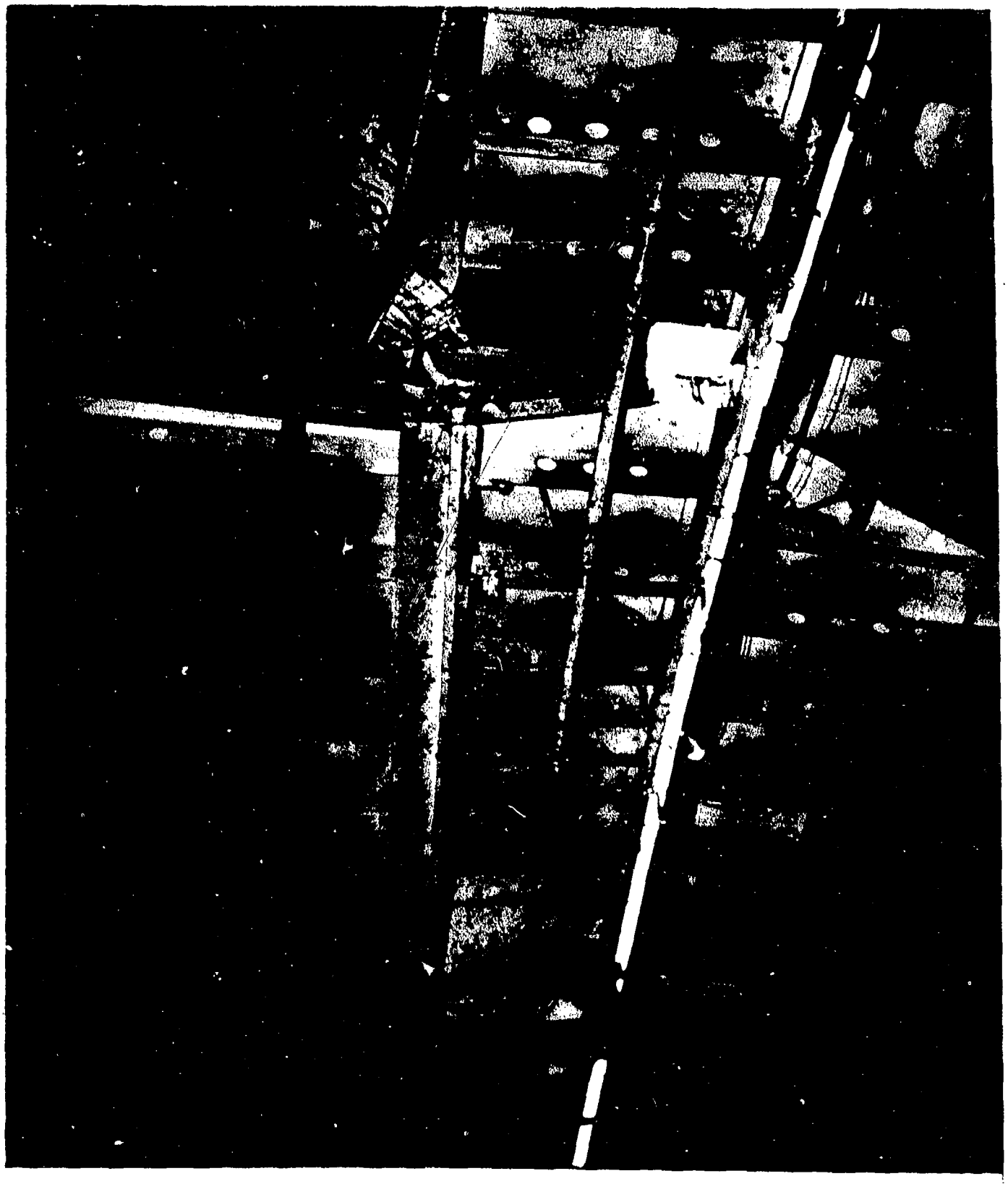
AA-CR-175-2131-5. Hangar. Wobble Bents 83 and 86, port side. Looking forward and outboard from bent 89.



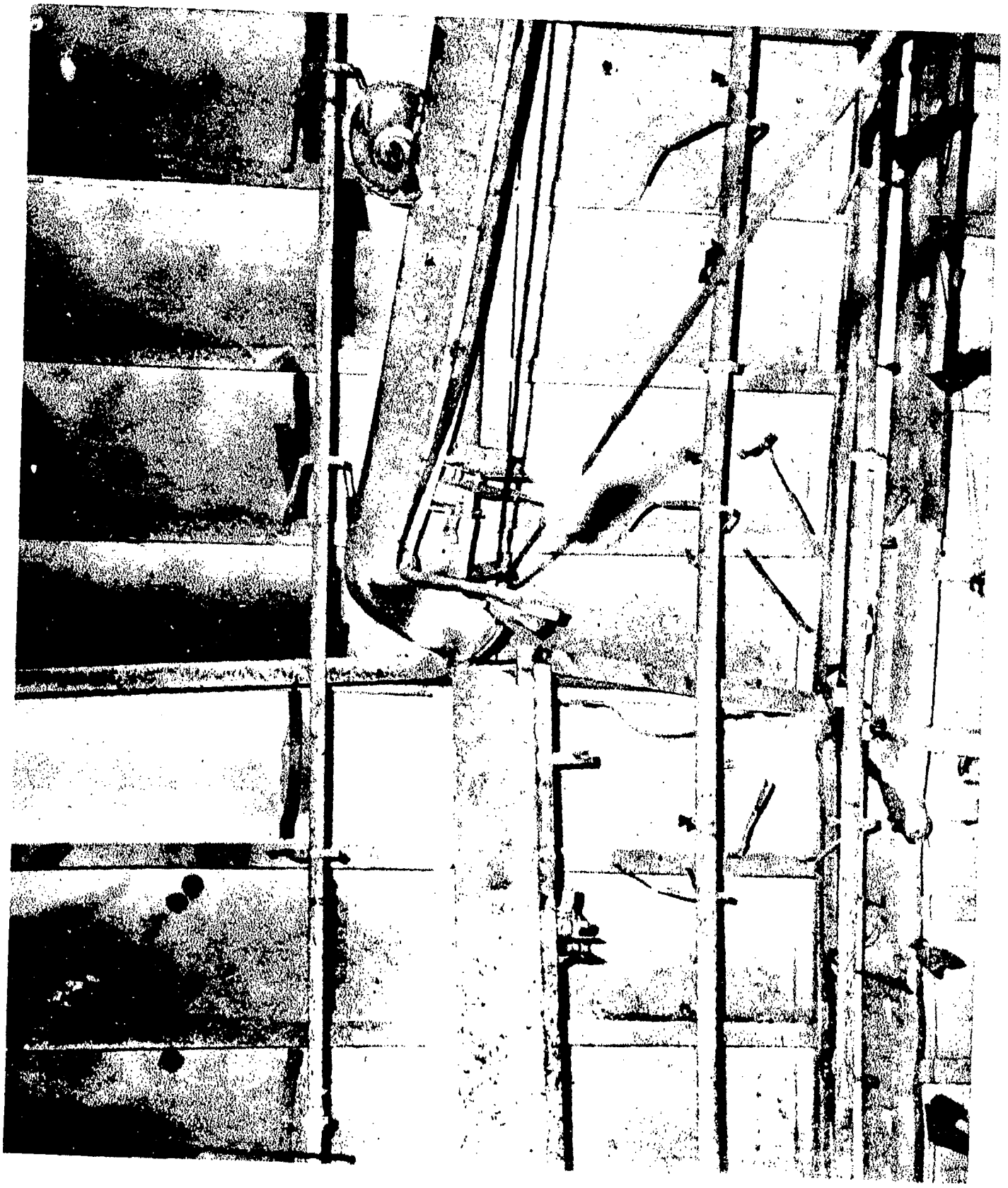
AA-CR-59-2226-3. Underside of flight deck Wobble Bents 83 and 86, port side.



AA-CR-59-2164-5. Underside of flight deck, frame 86, port side. Failure of weld at joint at elbow at sprinkling line.



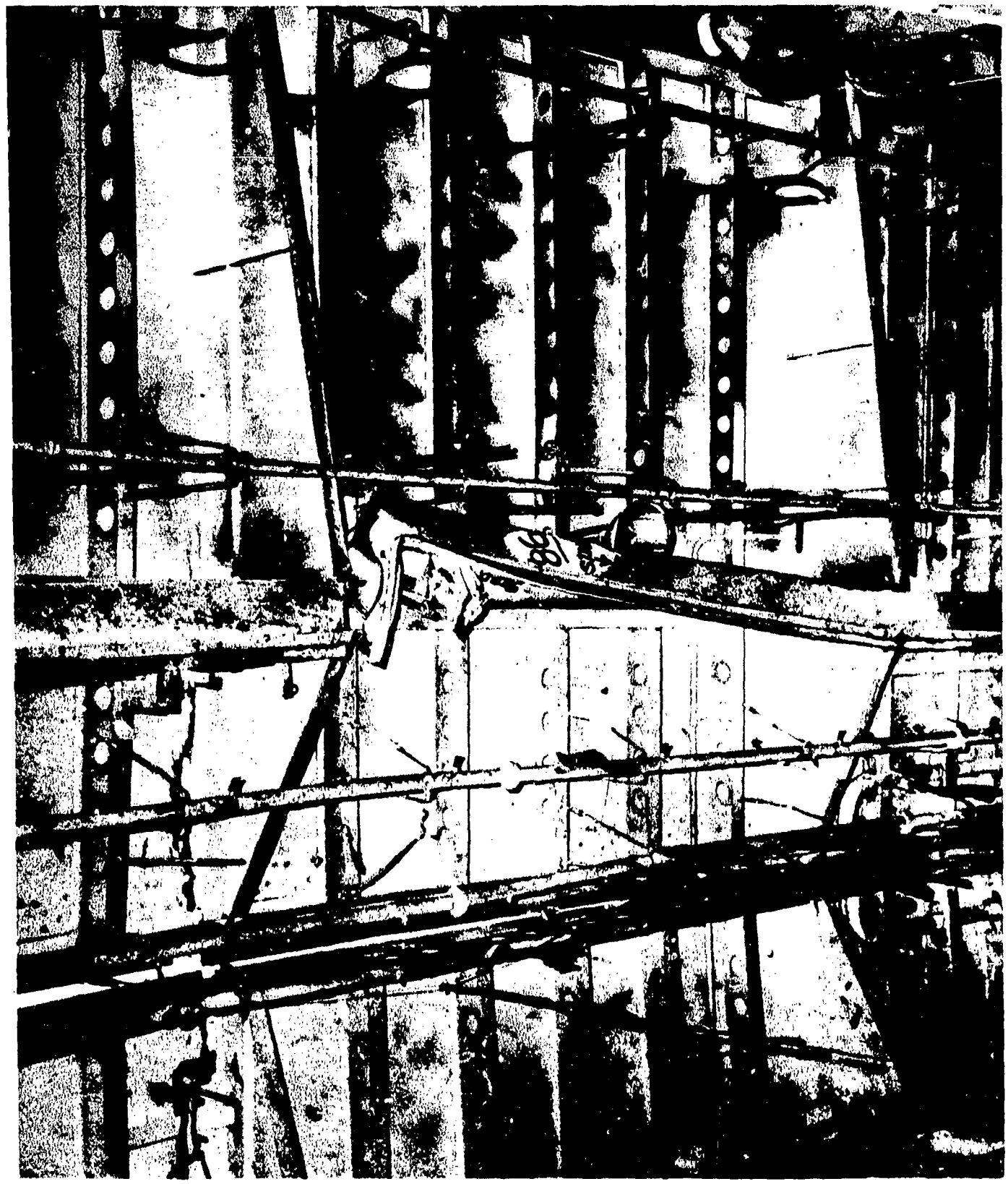
AA-CR-100-4161-4. Flight deck Bent 86, showing deformation and failure of centerline butt weld. Looking to port.



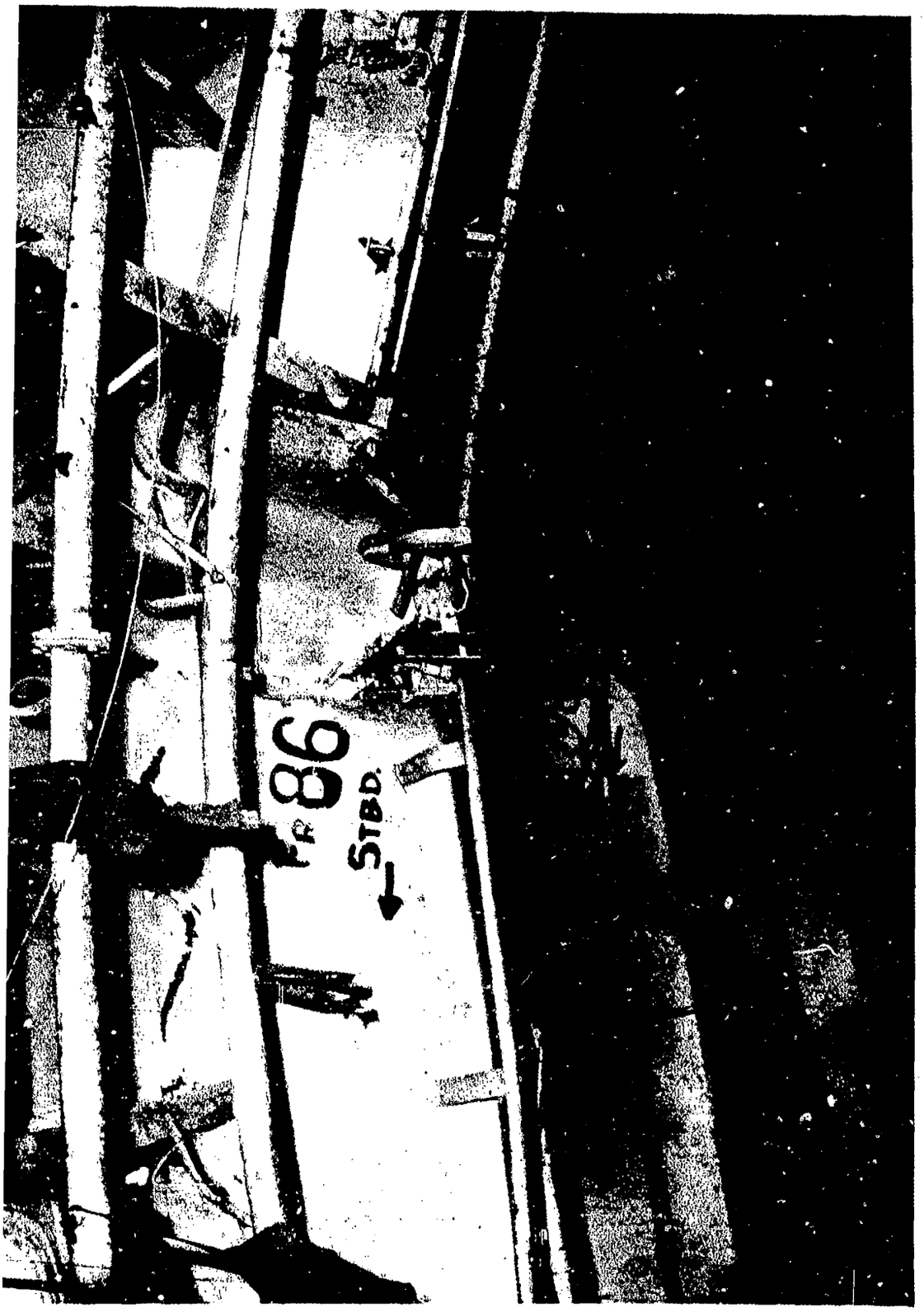
AA-CR-175-2118-12. Flight deck Bent 86, showing deformation and failure of centerline butt weld. Looking forward and up.



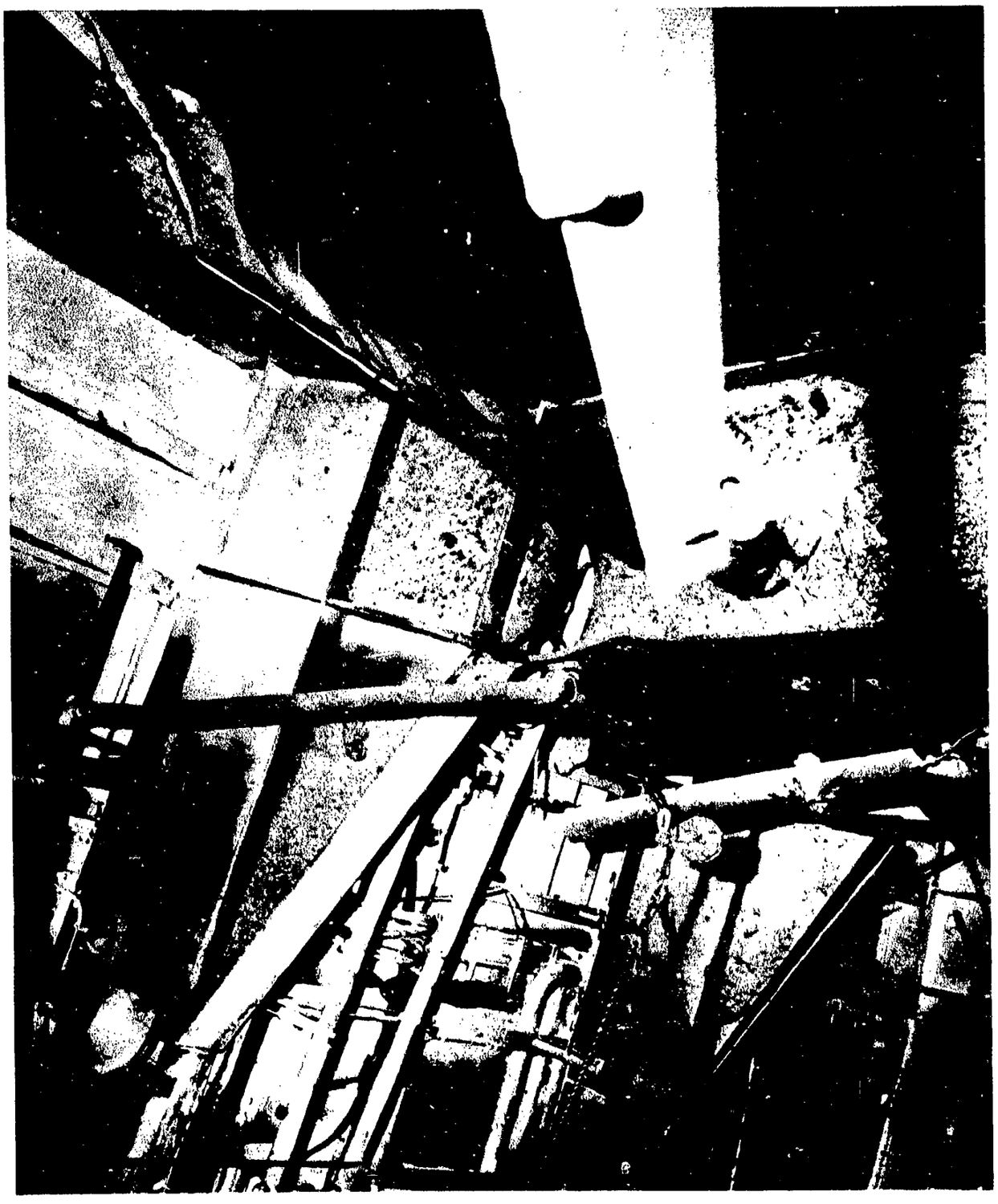
AA-CR-59-2226-2. Flight deck Bent 86. Looking aft and to port at centerline damage.



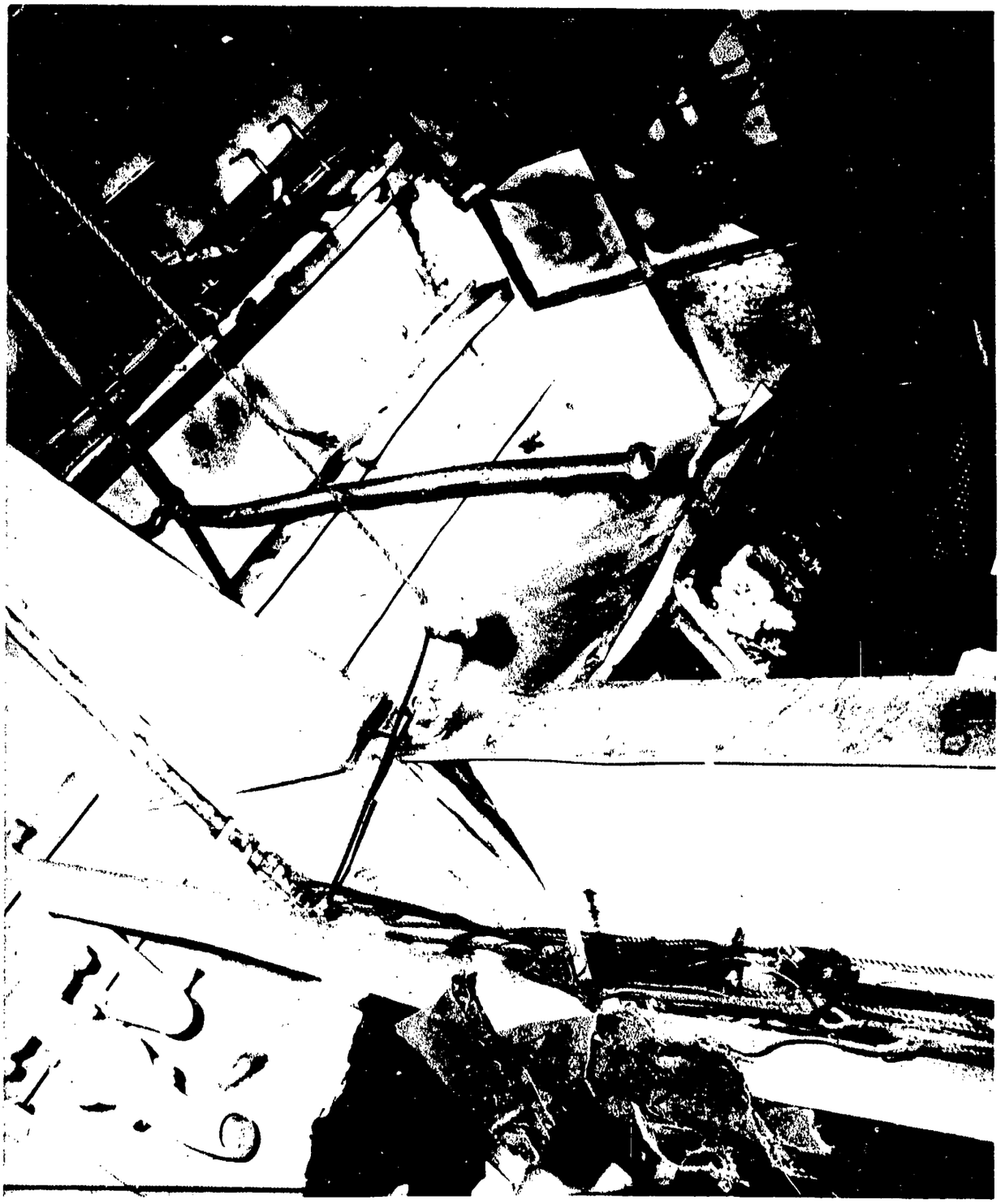
AA-CR-59-2224-7. Flight deck Bent 86, looking to starboard, showing deformation and break at centerline.



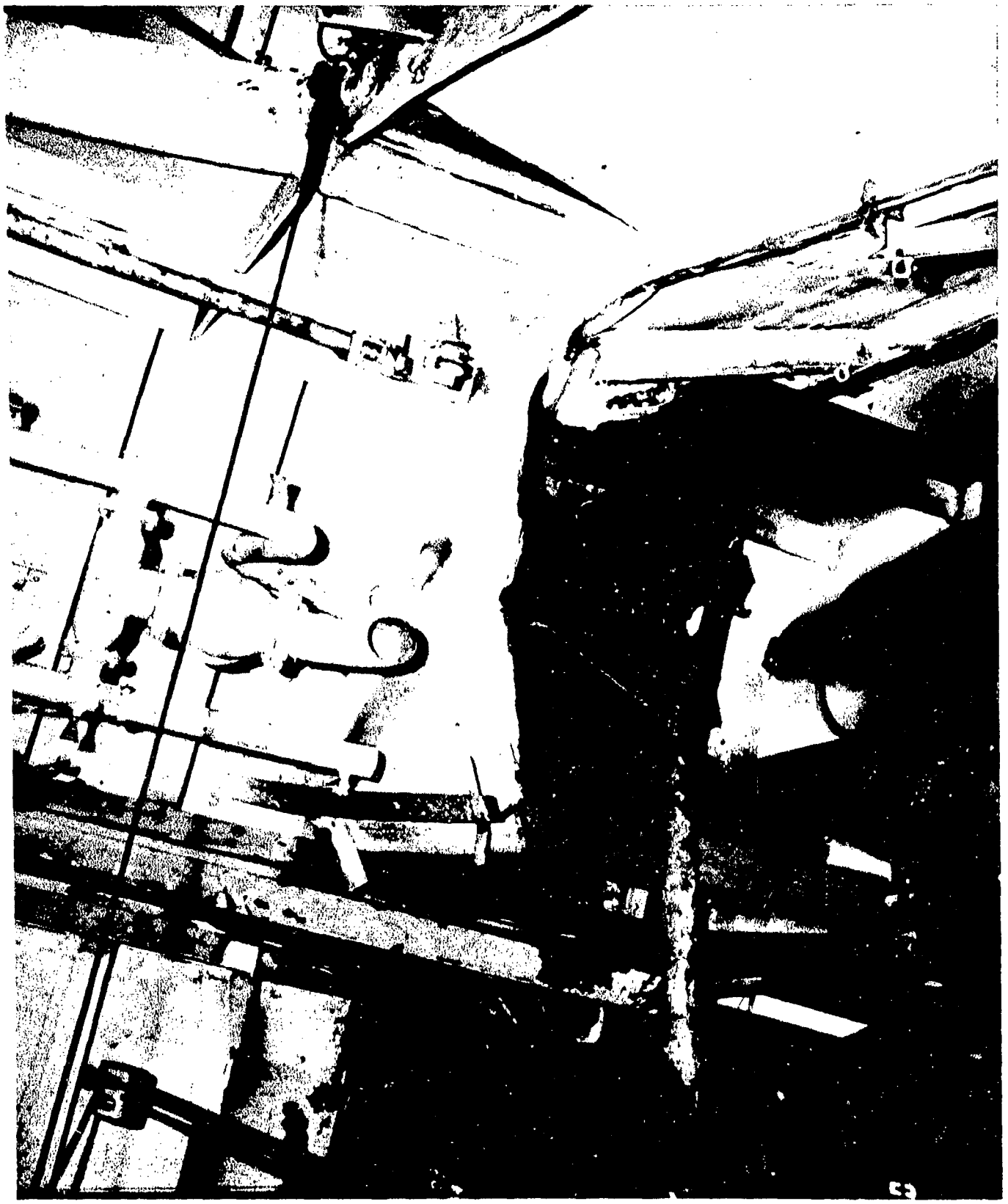
:R-59-2225-12. Underside of flight deck, looking aft along centerline
:nts 86 and 89.



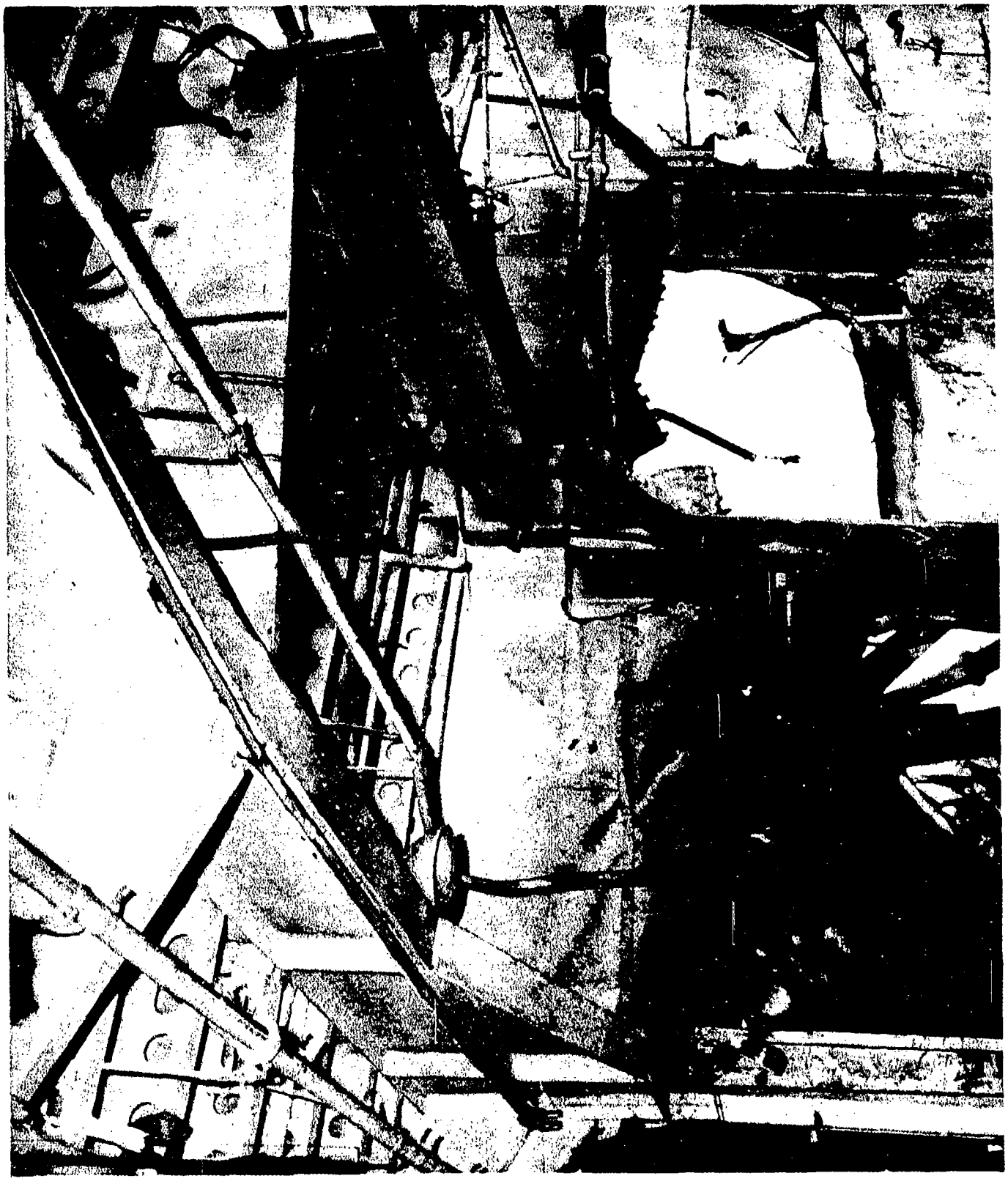
AA-CR-175-2132-2. Flight deck Wobble Bent 86, starboard side, showing deformation and fracture in vertical member extending from origin at fillet weld at lower end of bracket. Looking forward.



AA-CR-175-2132-3. Flight deck Wobble Bent 86, starboard side, showing fracture in vertical member with origin at weld at toe of bracket. Looking aft.



AA-CR-59-2164-6. Underside of flight deck, frame 86, starboard side. Failure of weld at joint in elbow at sprinkling line.



AA-CR-59-2225-10. Underside of flight deck between Bents 86 and 95, starboard side looking aft. Note twist in lower flange of girder of Bent 86.



AA-CR-80-4187-4. After Baker. Flight deck Wobble Bents 86 and 83, starboard bottom, looking forward.



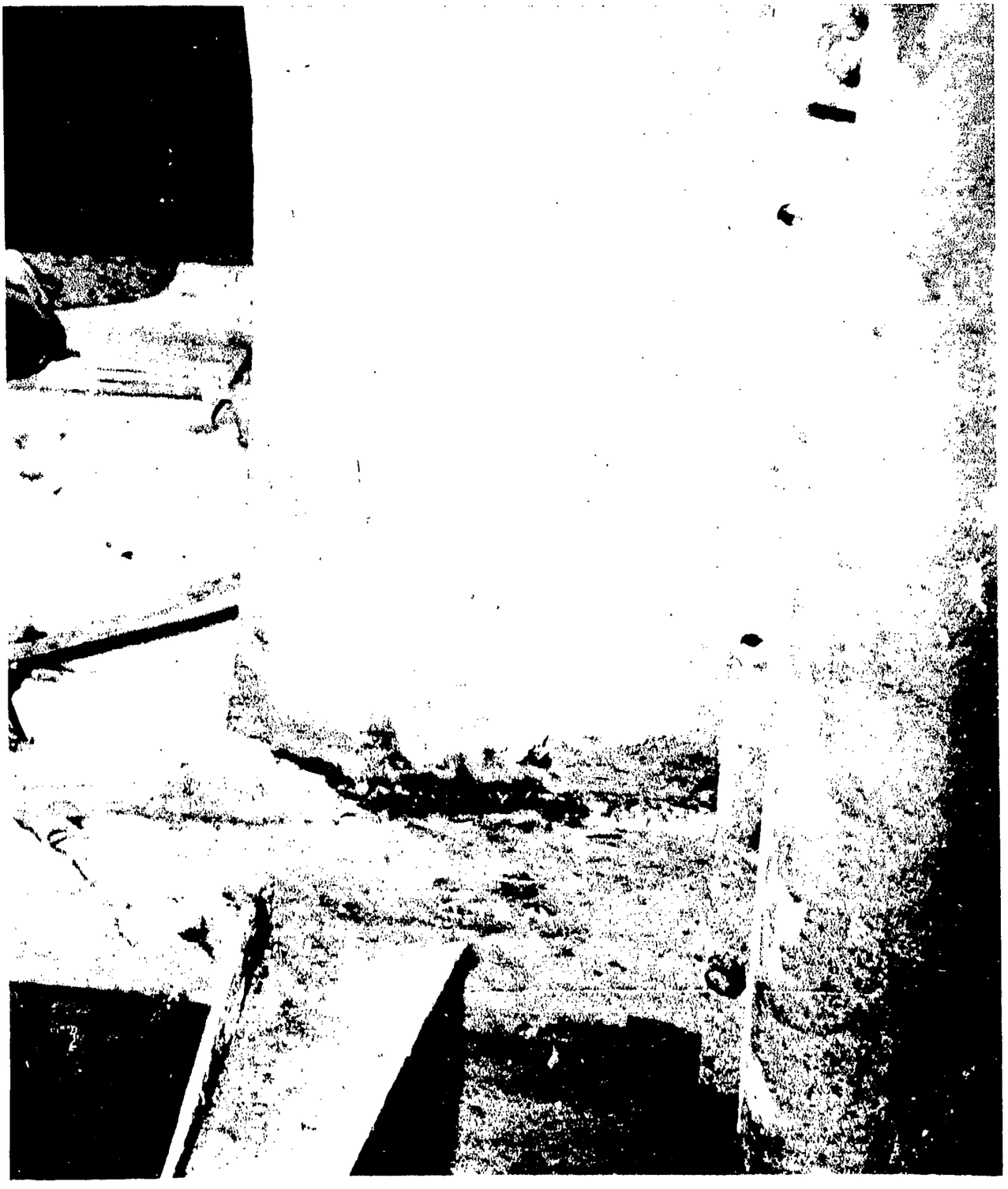
AB-CR-80-4187-5. After Baker. Flight deck Wobble Bent 86, starboard bottom, looking aft.



AA-CR-65-958-7. Failure of deck pad, Flight deck Wobble Bent 86, Starboard side, looking to starboard and forward.



AA-CR-65-1736-7. Uptake No. 4, hangar deck, starboard side, between flight deck Bents 86 and 89, showing damage to welded and riveted connections. Looking to starboard.



AA-CR-59-4162-3. Flight deck Bent 89, hangar deck level. Fracture of side plating adjacent to weld, port side looking inboard. Partially rewelded by ships force after Test A.



AA-CR-59-4162-2. Flight deck Bent 89, Weld failure at connection of bent to S.T.S. shear stroke. Looking inboard from port blister. For interior view see 959-1.



AA-CR-65-959-1. Flight deck Bent 89. Failure of welded connection to main deck, port side looking outboard and aft. Note that failure extends along top of shear strake also. For exterior view see 4162-2.



AA-CR-65-959-2. Underside of hangar deck, frame 89. Port side at shell, looking aft.



AB-CR-80-4187-6. After Baker. Flight deck Bent 89, port bottom, looking forward.



AA-CR-59-2223-9. Flight deck Bent 89, port side, showing failure of transverse girder and origin of fracture adjacent to weld at upper end of bracket. Looking aft.



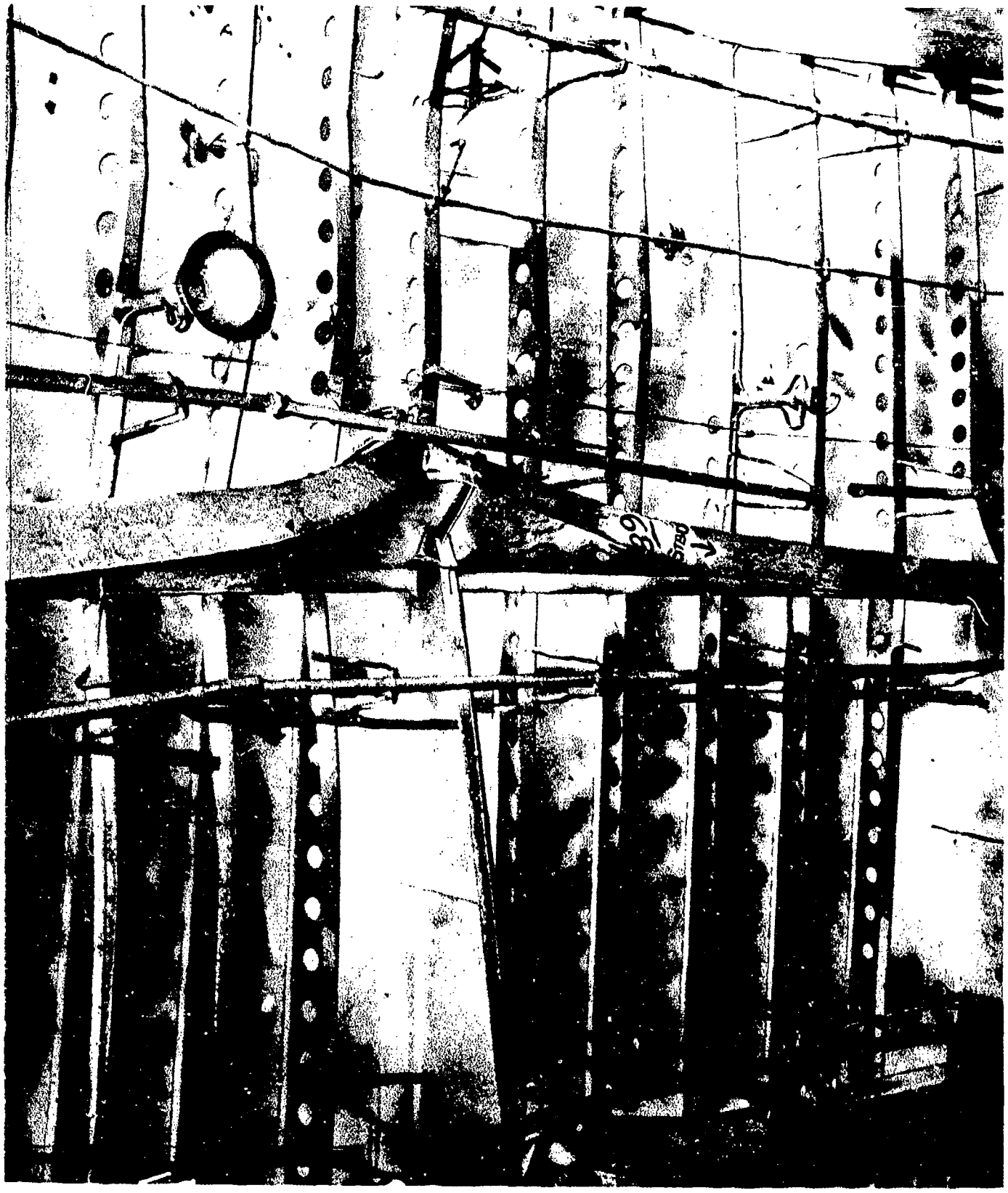
AA-CR-175-2131-6. Underside of flight deck, port side. Looking aft at Bent 89. Note fracture in girder.



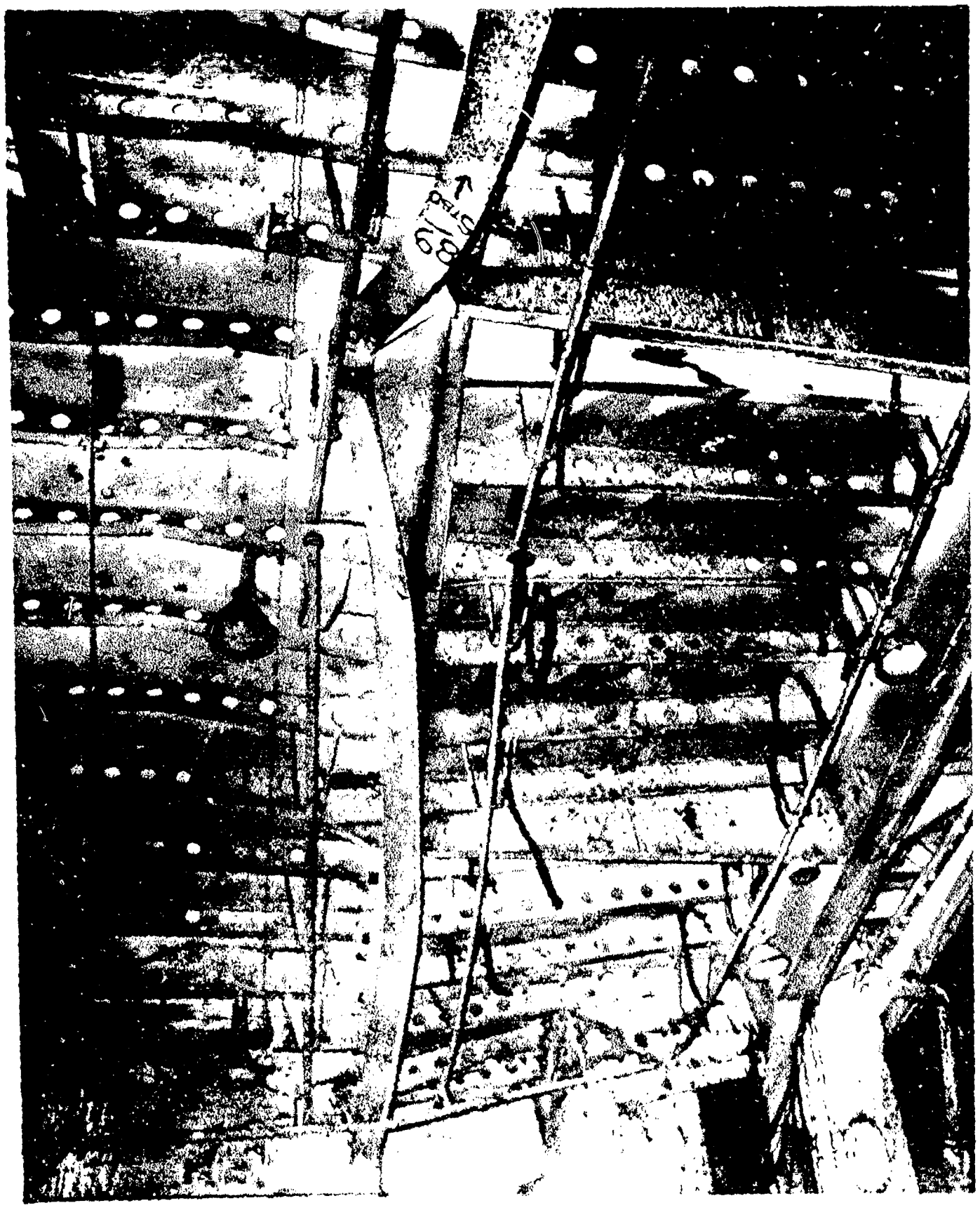
AA-CR-59-2225-11. Underside of flight deck. Looking aft from Bent 86, port side.



AA-CR-59-2225-9. Underside of flight deck at bent 86, looking aft along centerline. Note failures at bent girders 86 and 89.



AA-CR-59-2224-8. Flight deck Bent 89, looking to starboard, showing deformation at centerline.



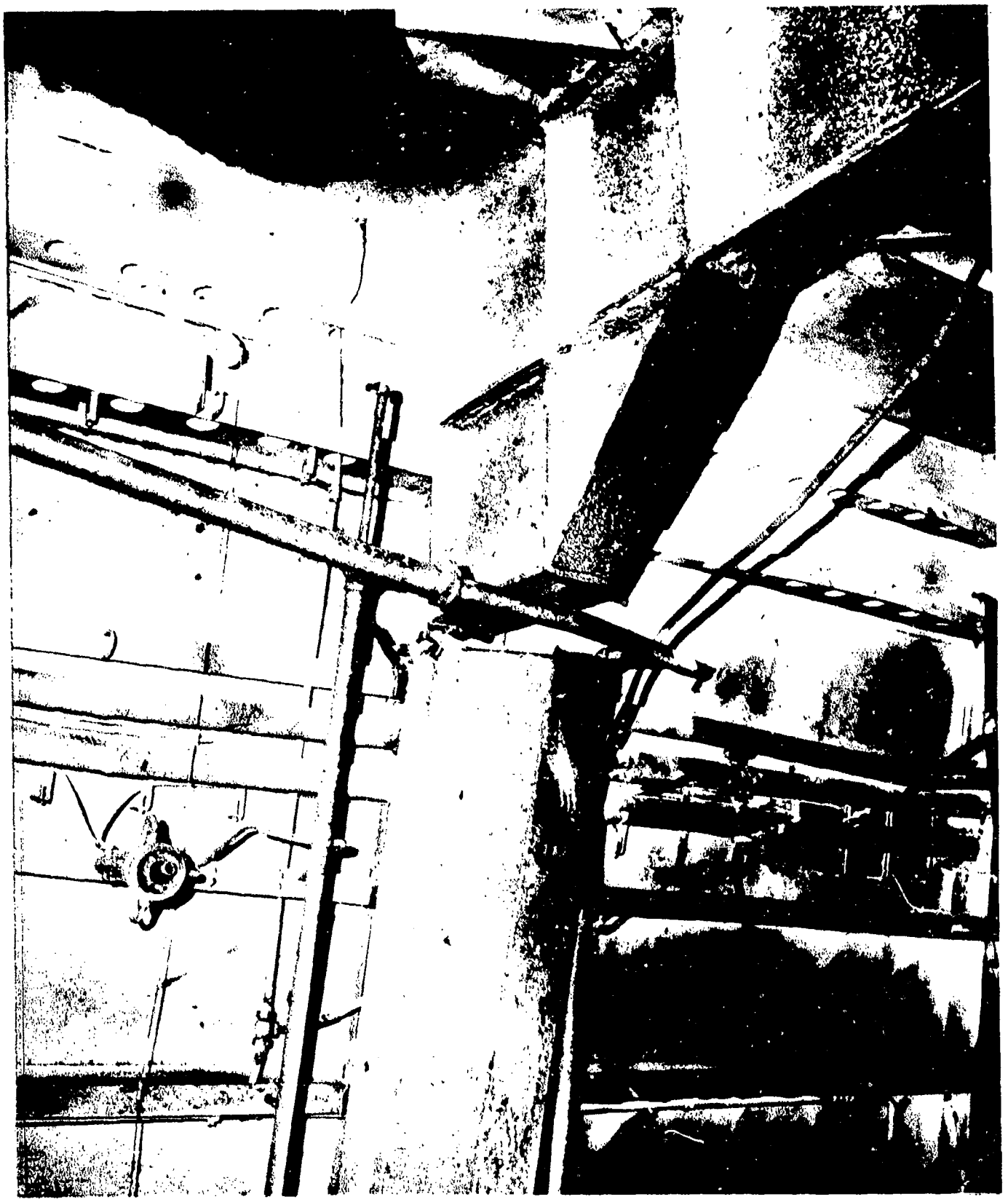
AA-CR-59-4161-5. Flight deck Bent 89, deformation and failure of weld at upper end of centerline web stiffener. Looking to port,



AA-CR-59-2113-6. Hangar-General view from Bent 89 forward on starboard side under flight deck to Bent 71. Origin of failure at weld at lower end of bracket.



AA-CR-59-4149-6. Flight deck Bent 89, starboard side, showing complete failure of transverse girder and origin of fracture at upper edge of fillet weld at end of bra ket. Looking forward.



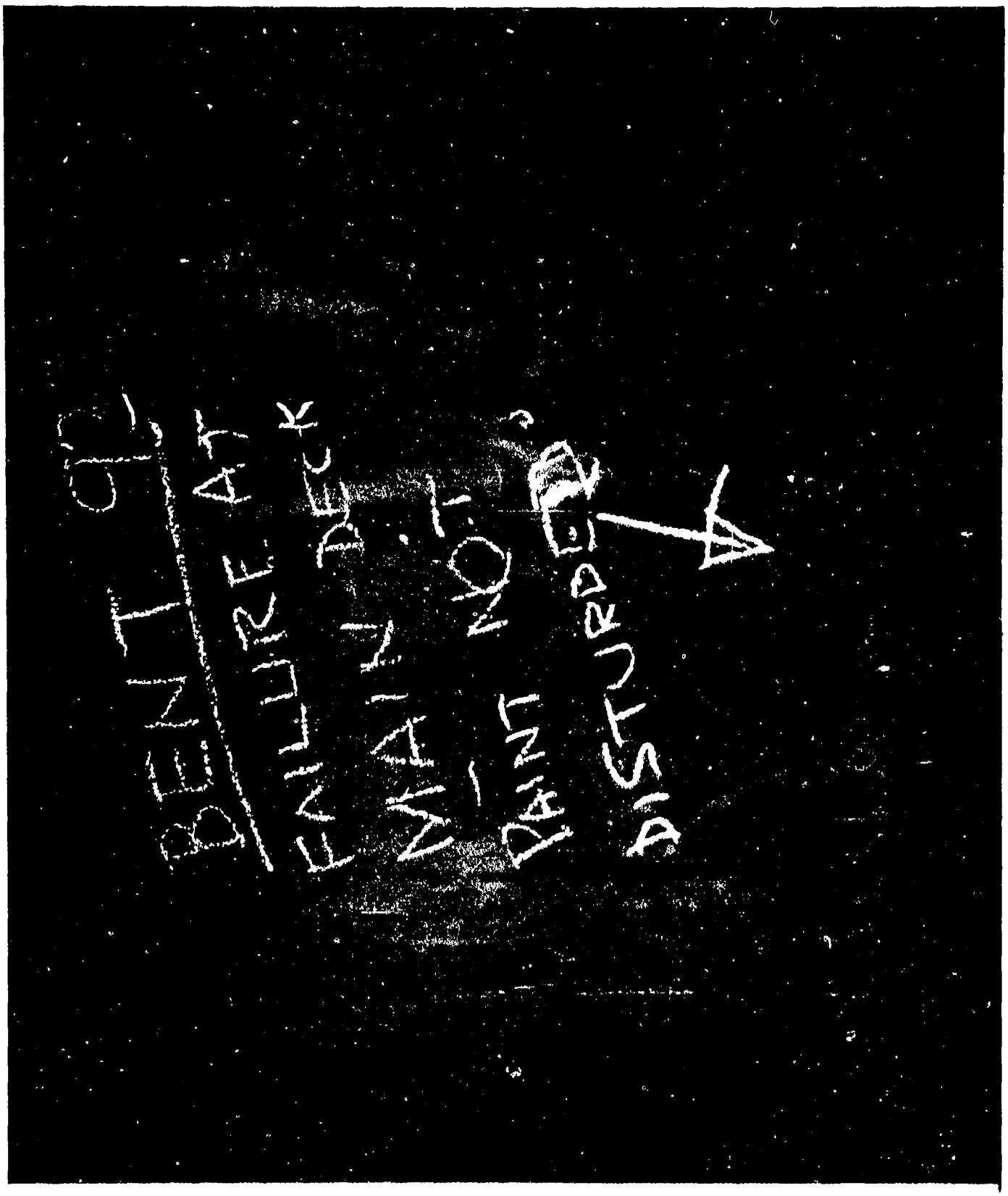
AA-CR-175-2132-1. Flight deck Bent 89, starboard side, showing failure of transverse girder and origin of fracture adjacent to weld at upper end of bracket. Looking forward.



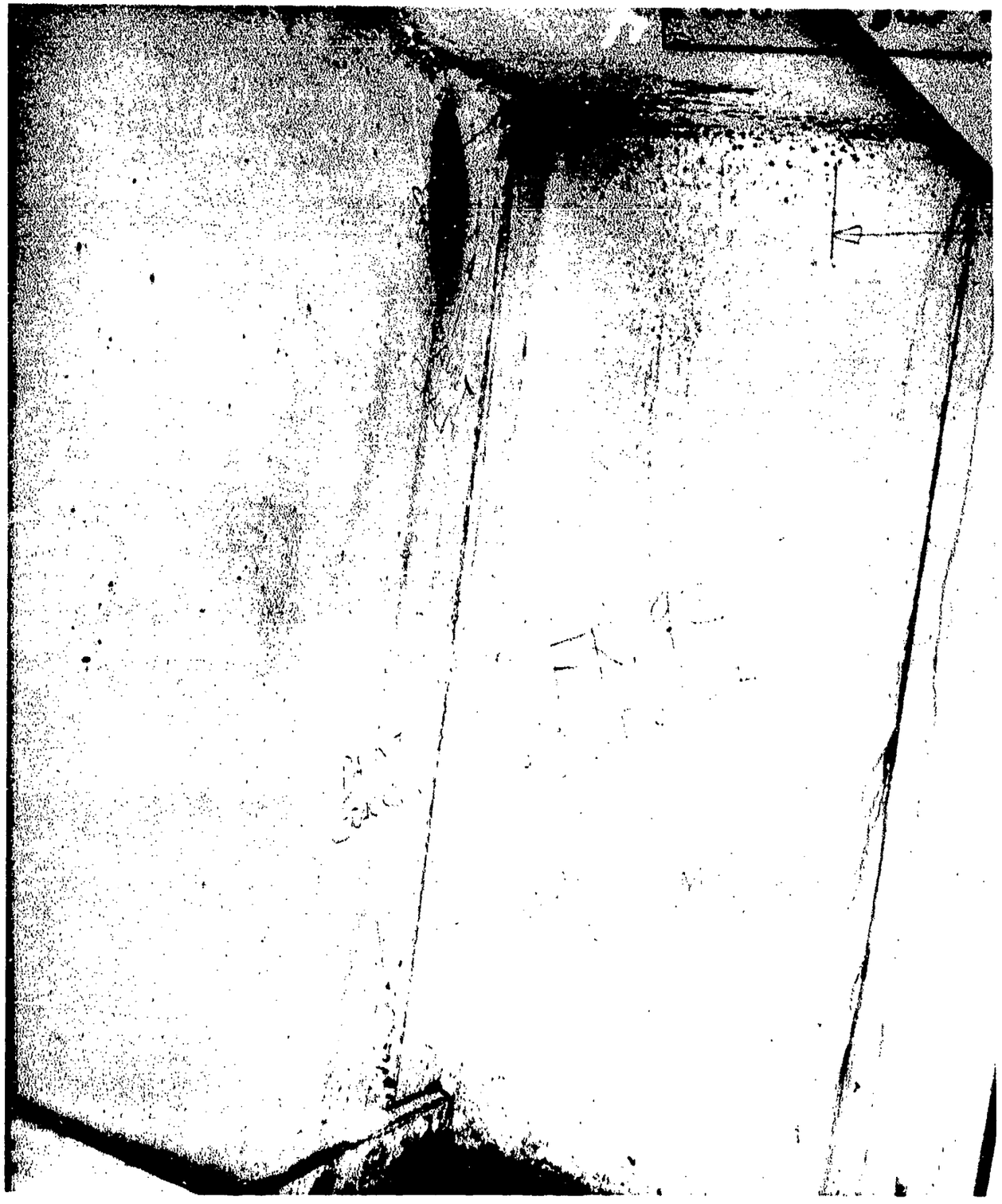
AA-CR-80-4187-7. After Baker - Flight deck Bent 89, starboard bottom, looking aft.



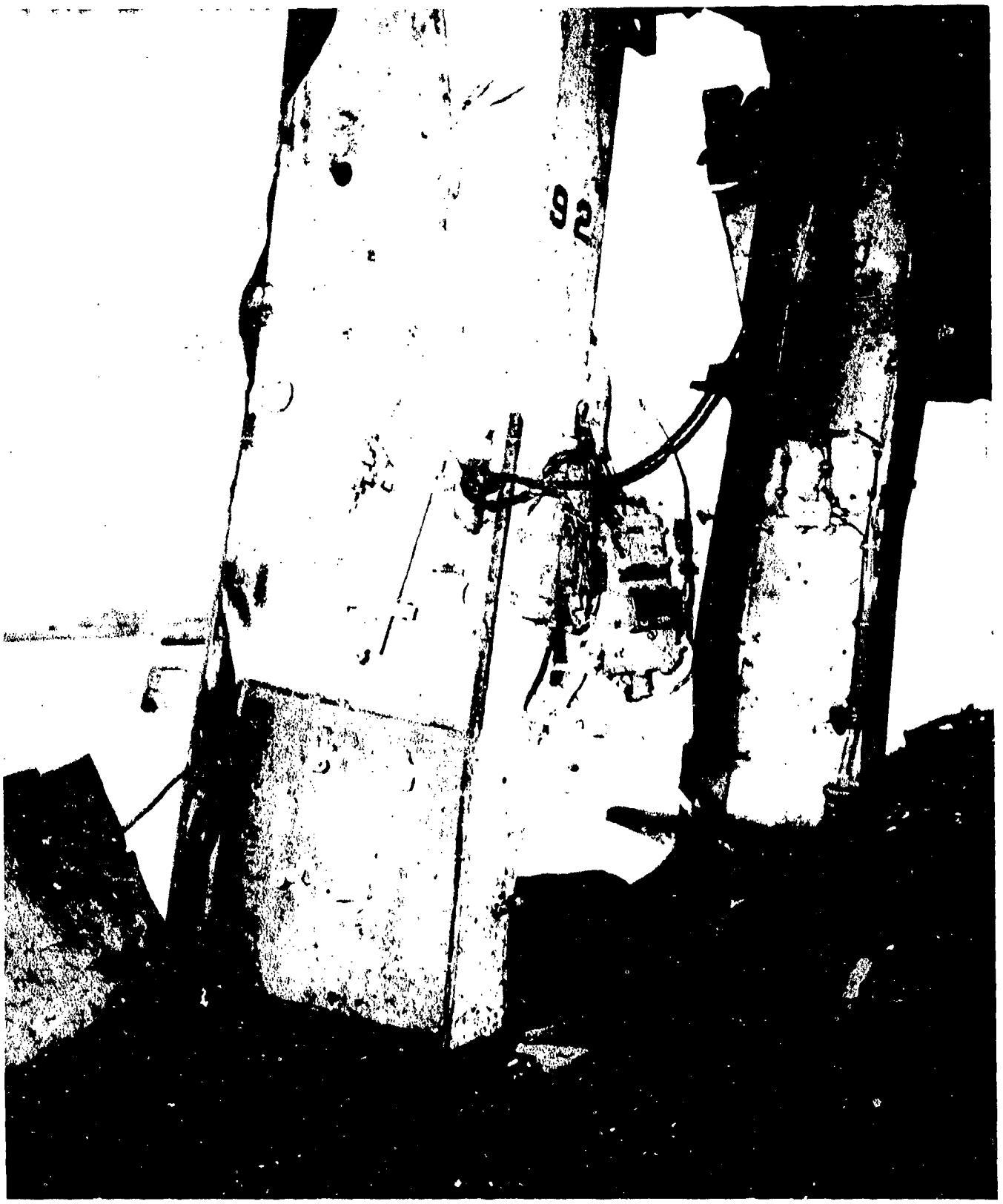
AB-CR-80-1675-7. After Baker. Hangar deck, Bents 86 - 89, starboard side. Note weld failure along inboard edge of patch plate over opening for No. 4 uptake.



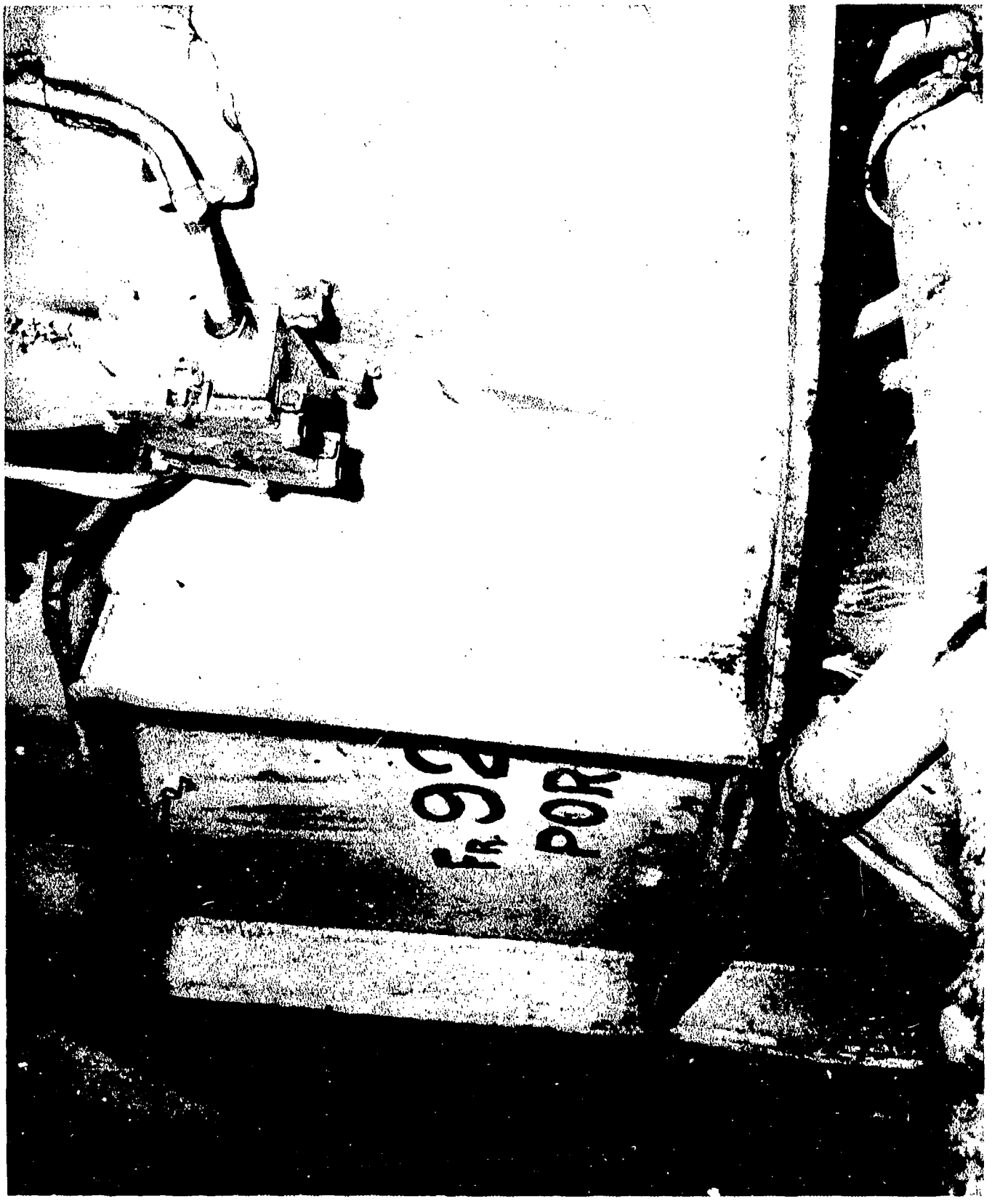
AA-CR-59-4161-1. Flight deck Bent 92. Weld failure at port side connection to S.T.S. shear strake, looking inboard to starboard.



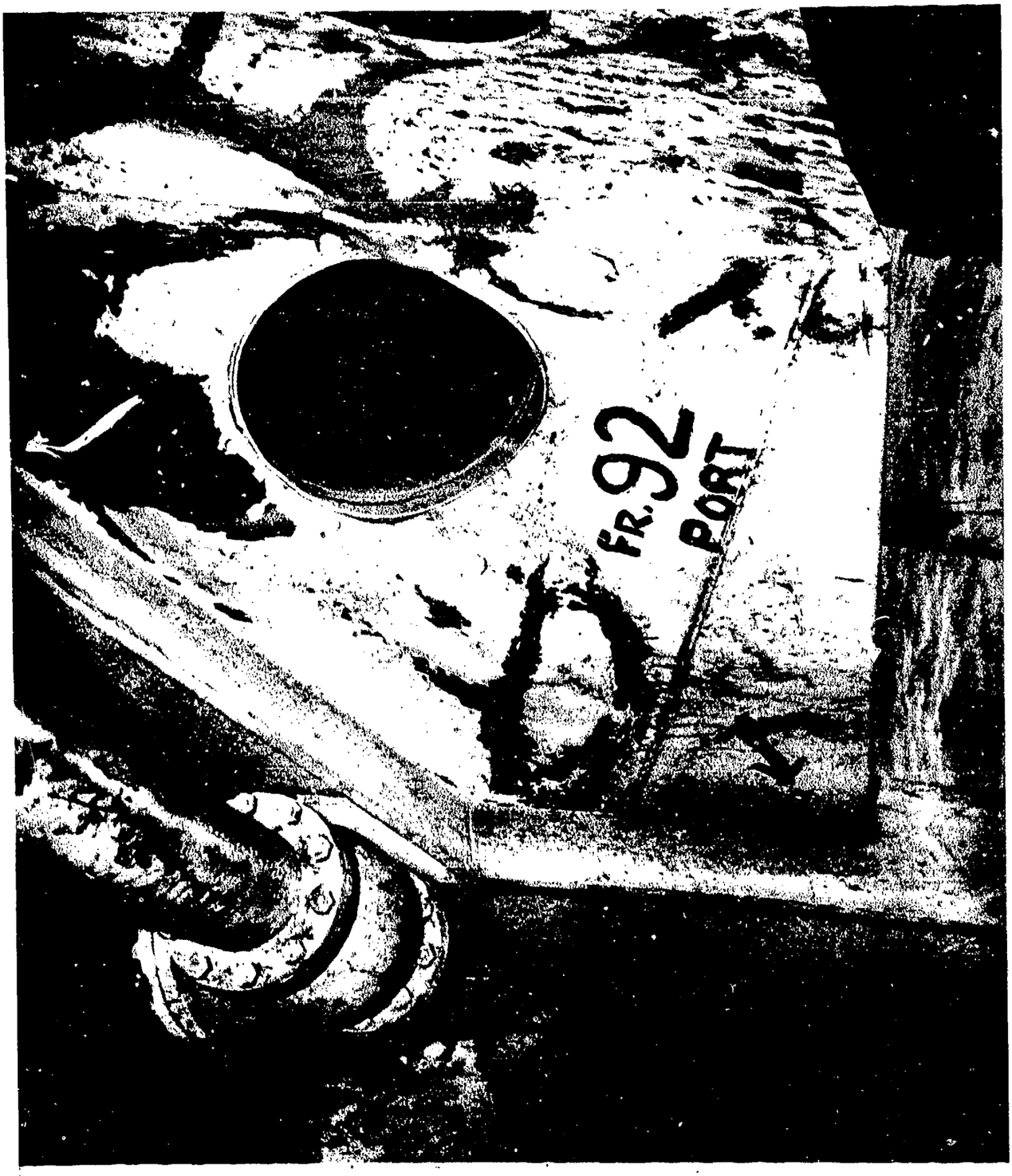
AA-CR-65-959-4. Underside of hangar deck, port side at shell, frame 92, looking forward.



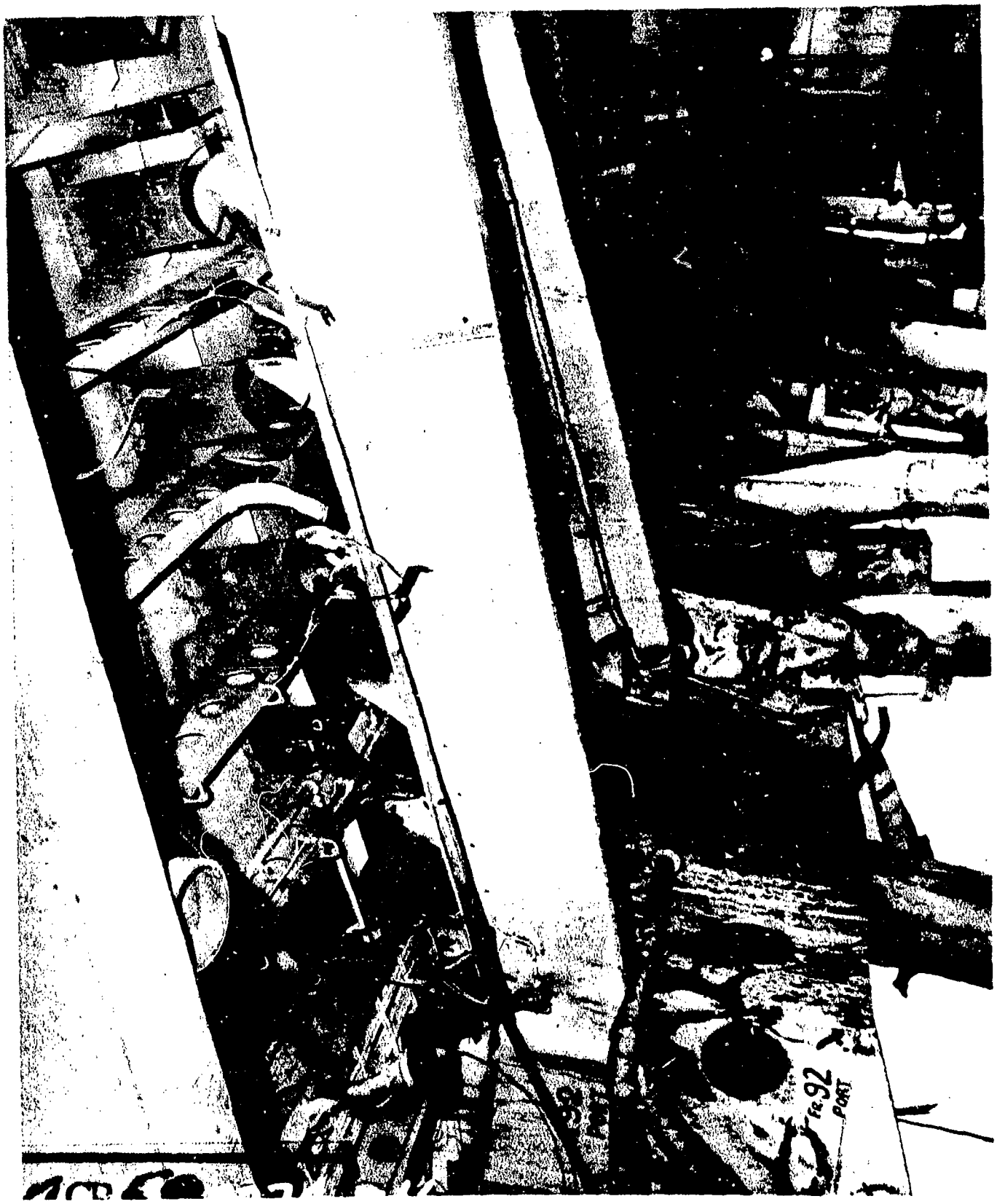
AA-CR-80-4187-9. After Baker - Flight deck Bent 92, port bottom, looking forward.



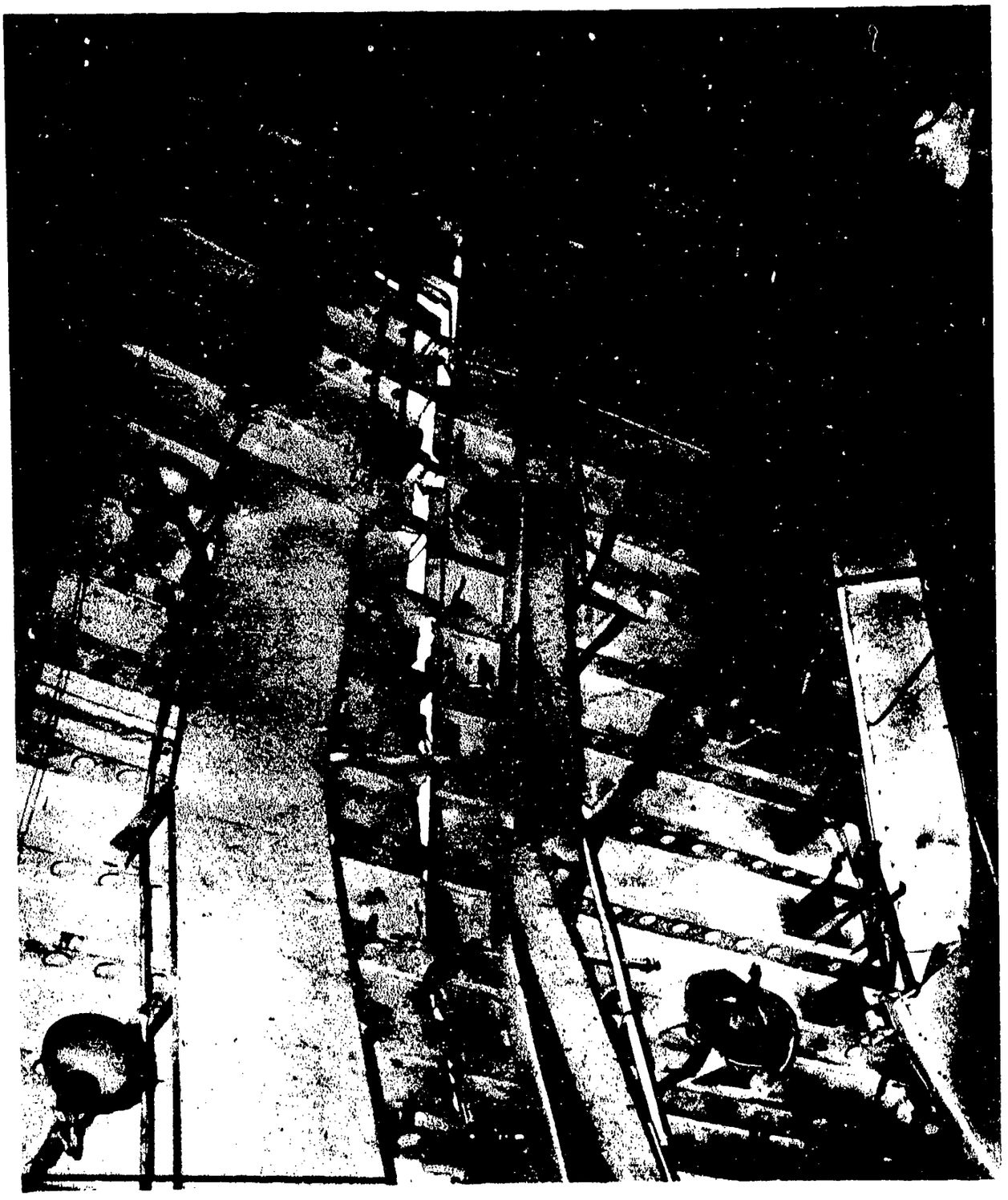
AA-CR-59-2223-10. Flight deck Bent 92, upper port corner, looking forward.



AA-CR-59-2223-11: Flight deck bent 92, port side, looking forward and to port. Note tear in light weight bracket and damage to conflagration station.



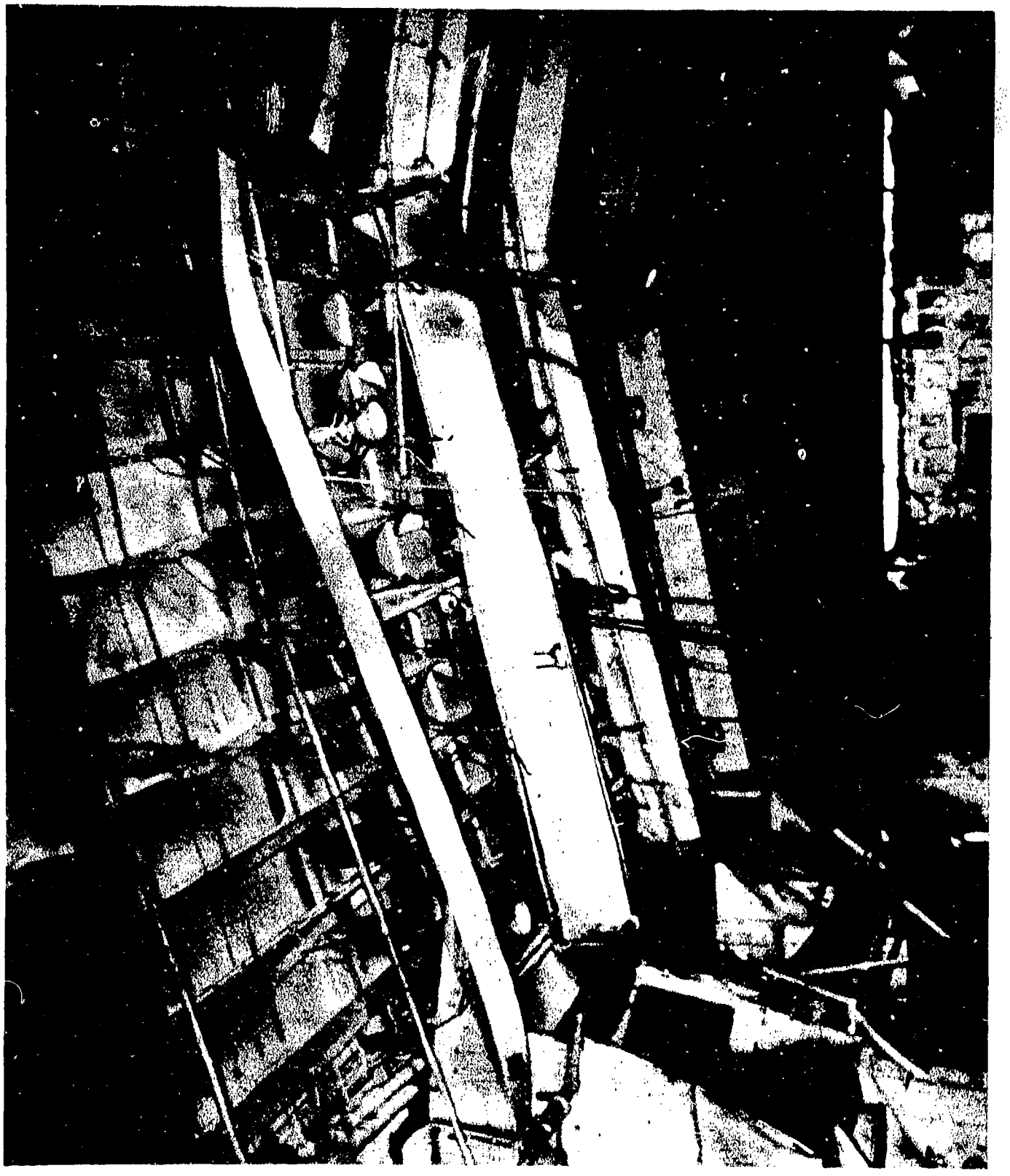
AA-CR-59-2224-11. Underside of flight deck, looking forward along port side from bent 95. Note separation of longitudinals and Bent girder 95.



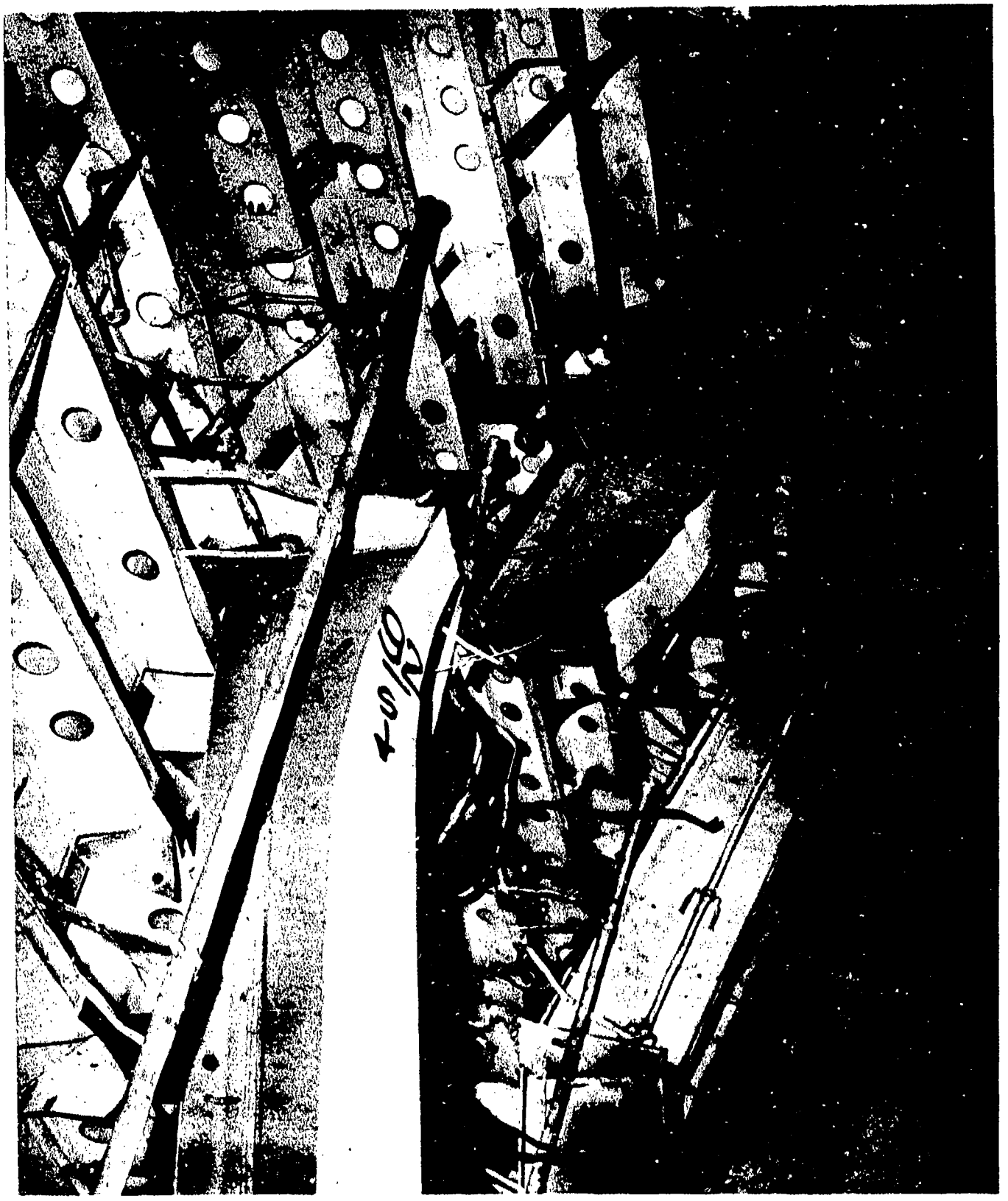
AA-CR-175-2132-6. Flight deck, showing transverse tear, distortion of Bents 92 and 95, and failure of centerline welded butts in transverse girders. Looking upward, forward and to starboard.



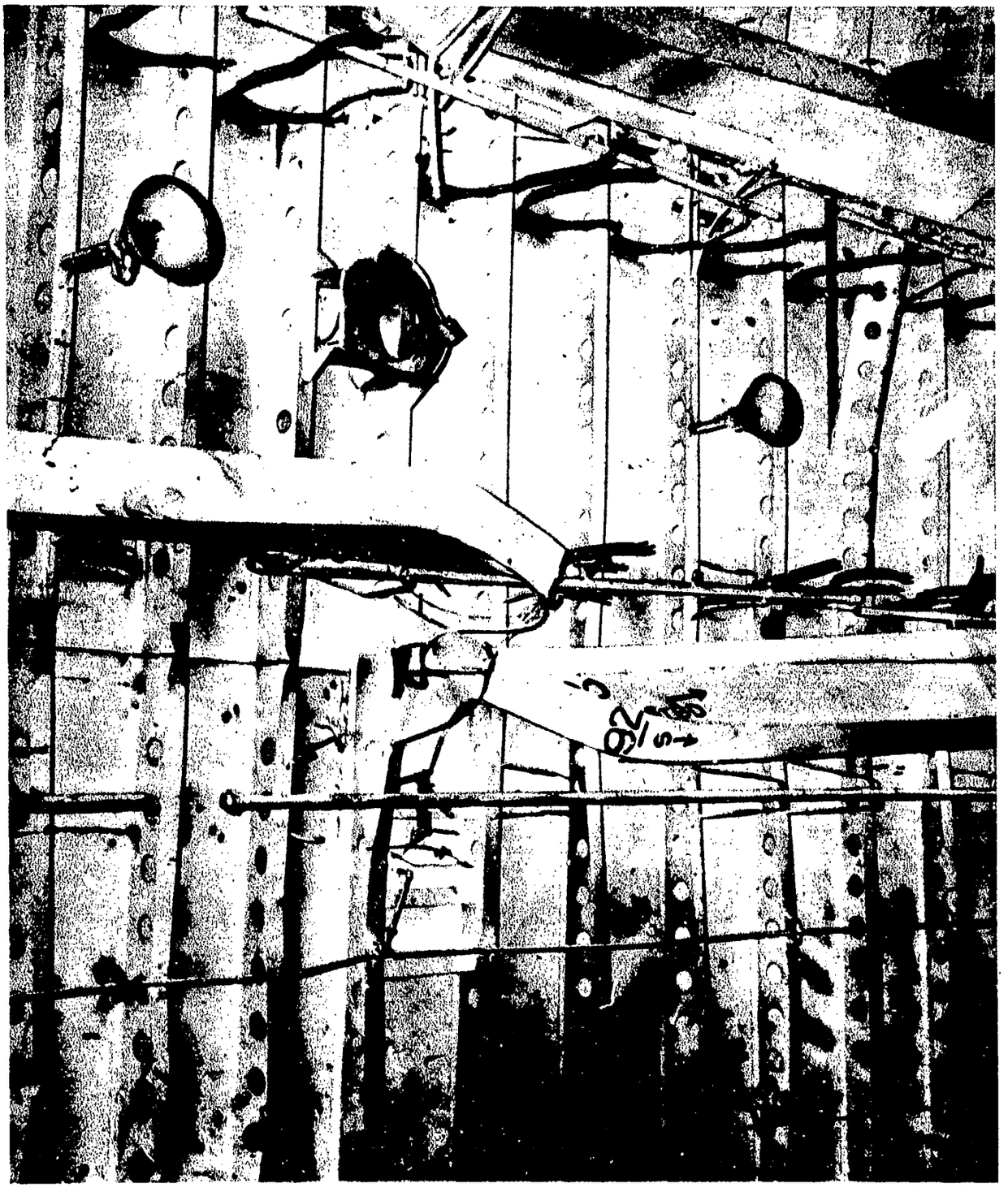
AA-CR-175-2118-11. Centerline joints, flight deck bents 89, 92 and 95 from bent 86.



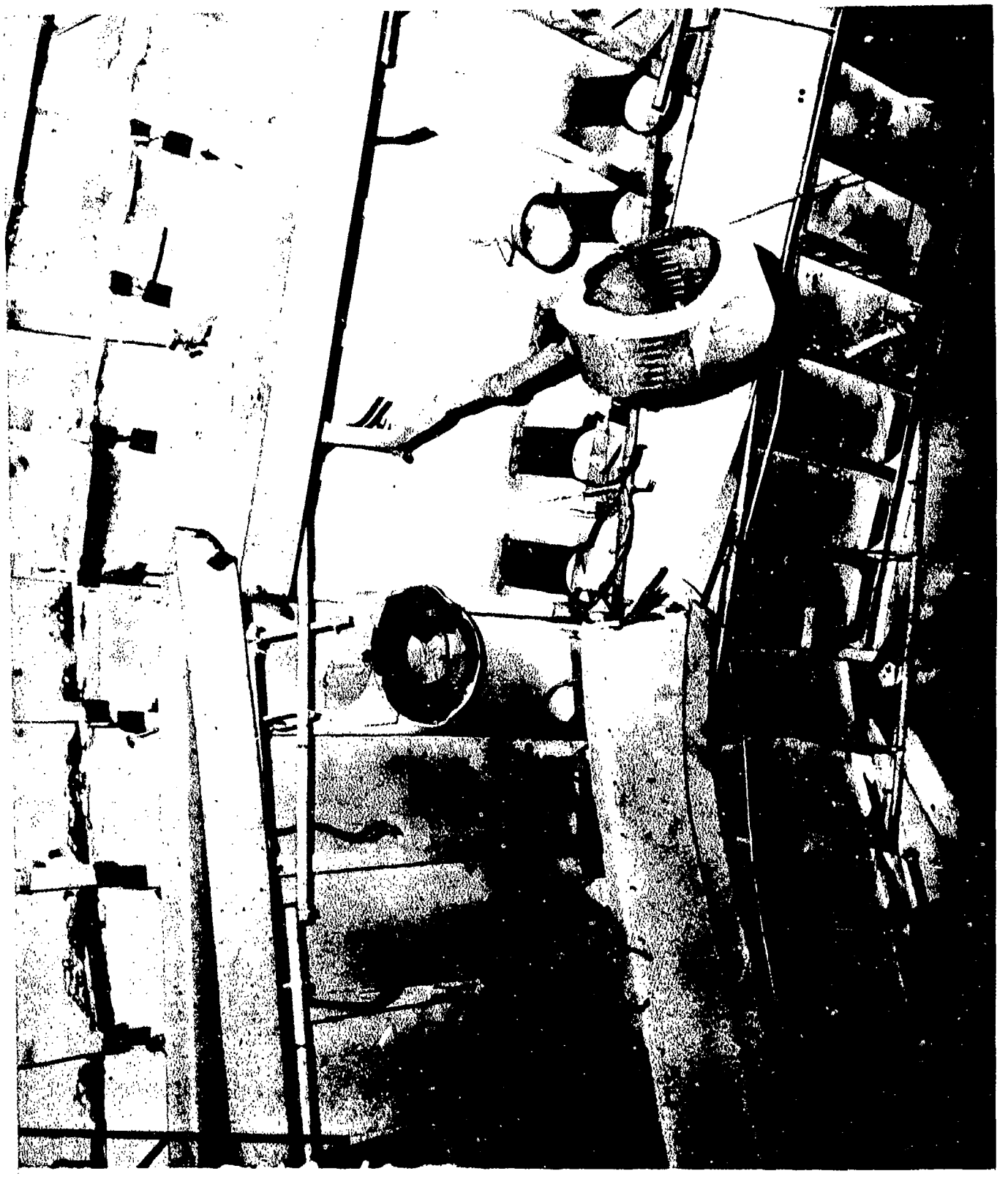
AA-CR-175-2131-12. Failures in flight deck bent girders 92, 95 and 98, looking aft along centerline.



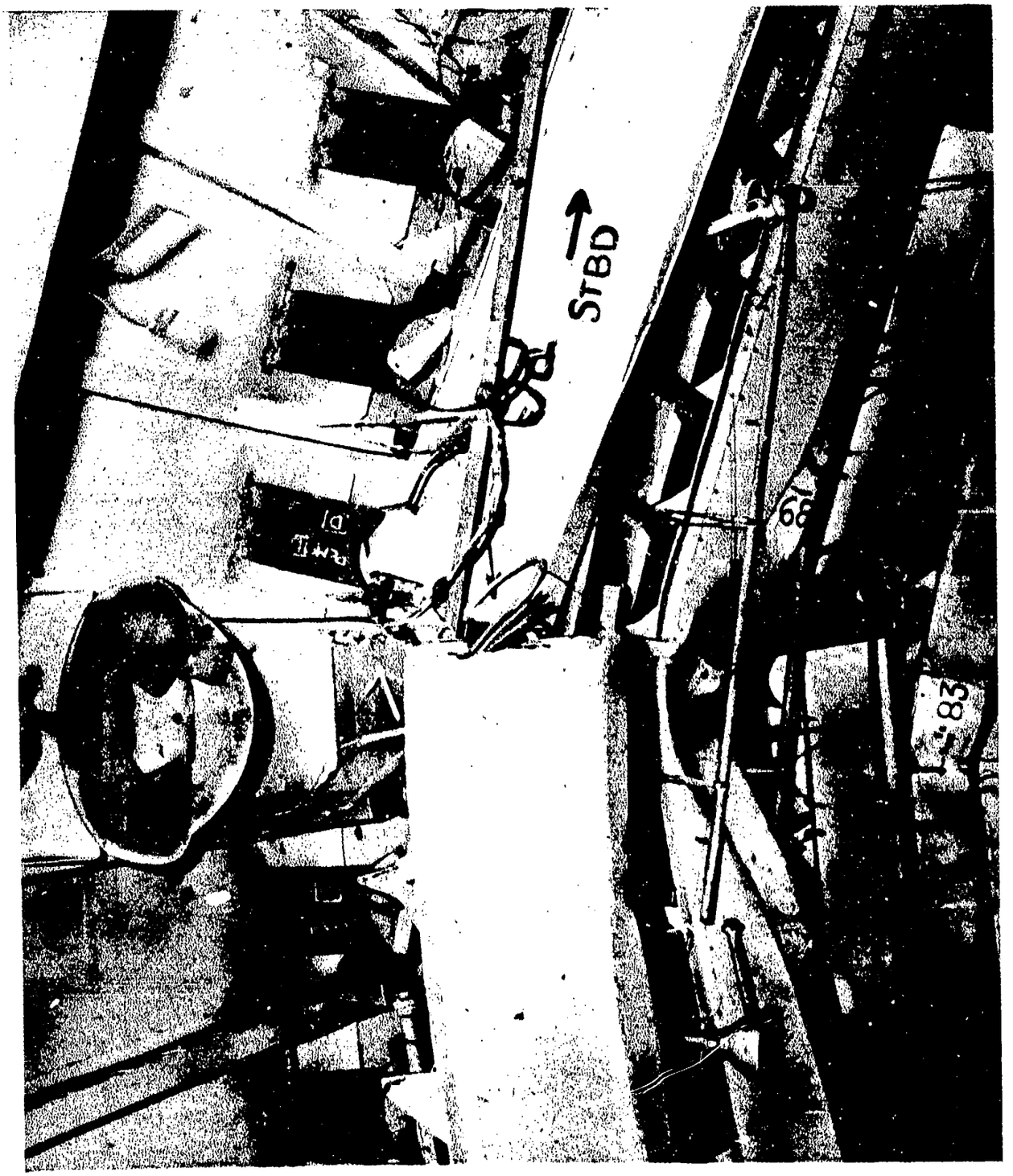
AA-CR-59-4149-8. Flight deck Bent girder 92, looking up, aft and to port.



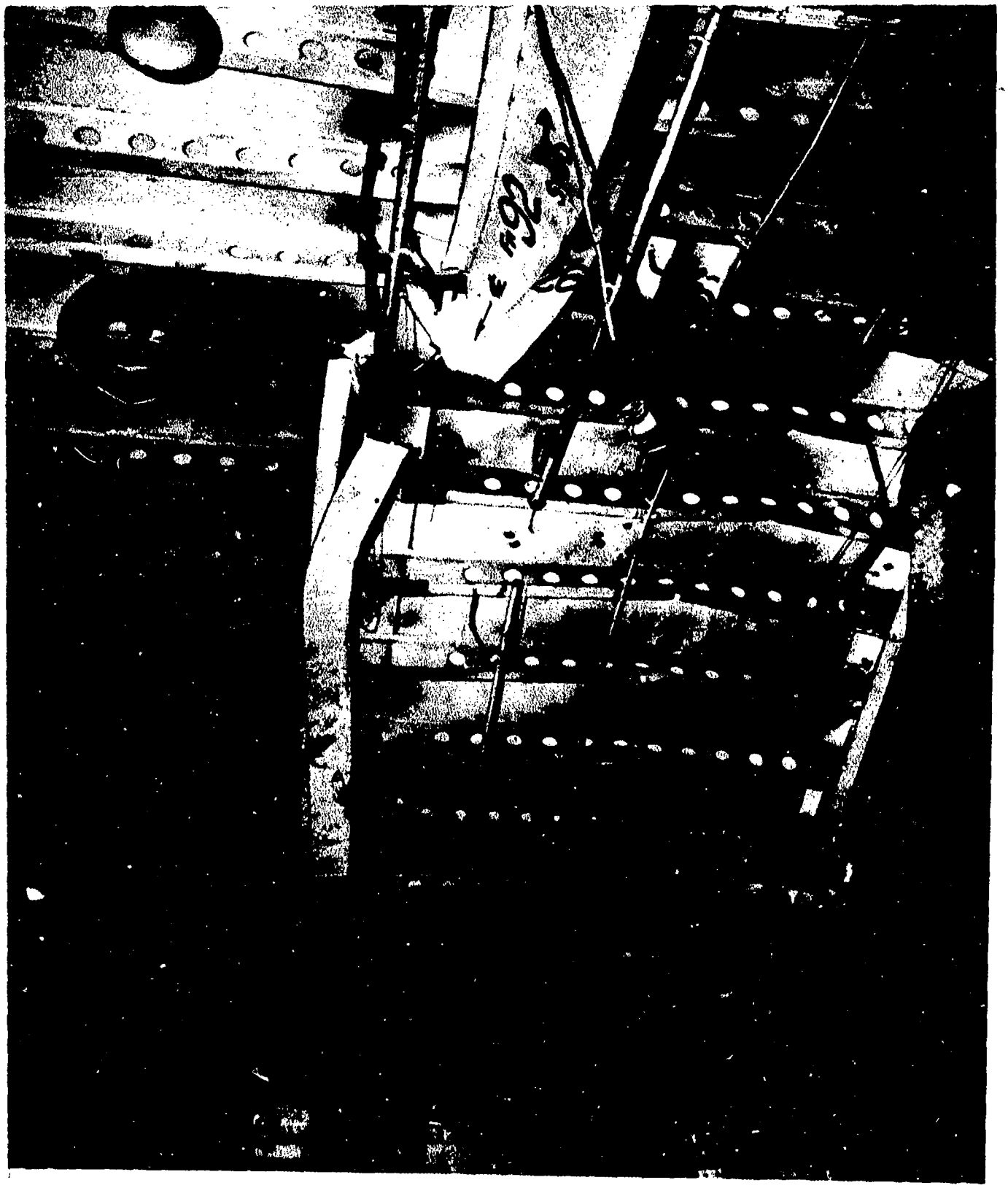
AA-CR-59-2224-9. Flight deck bent girder 92, looking to starboard.



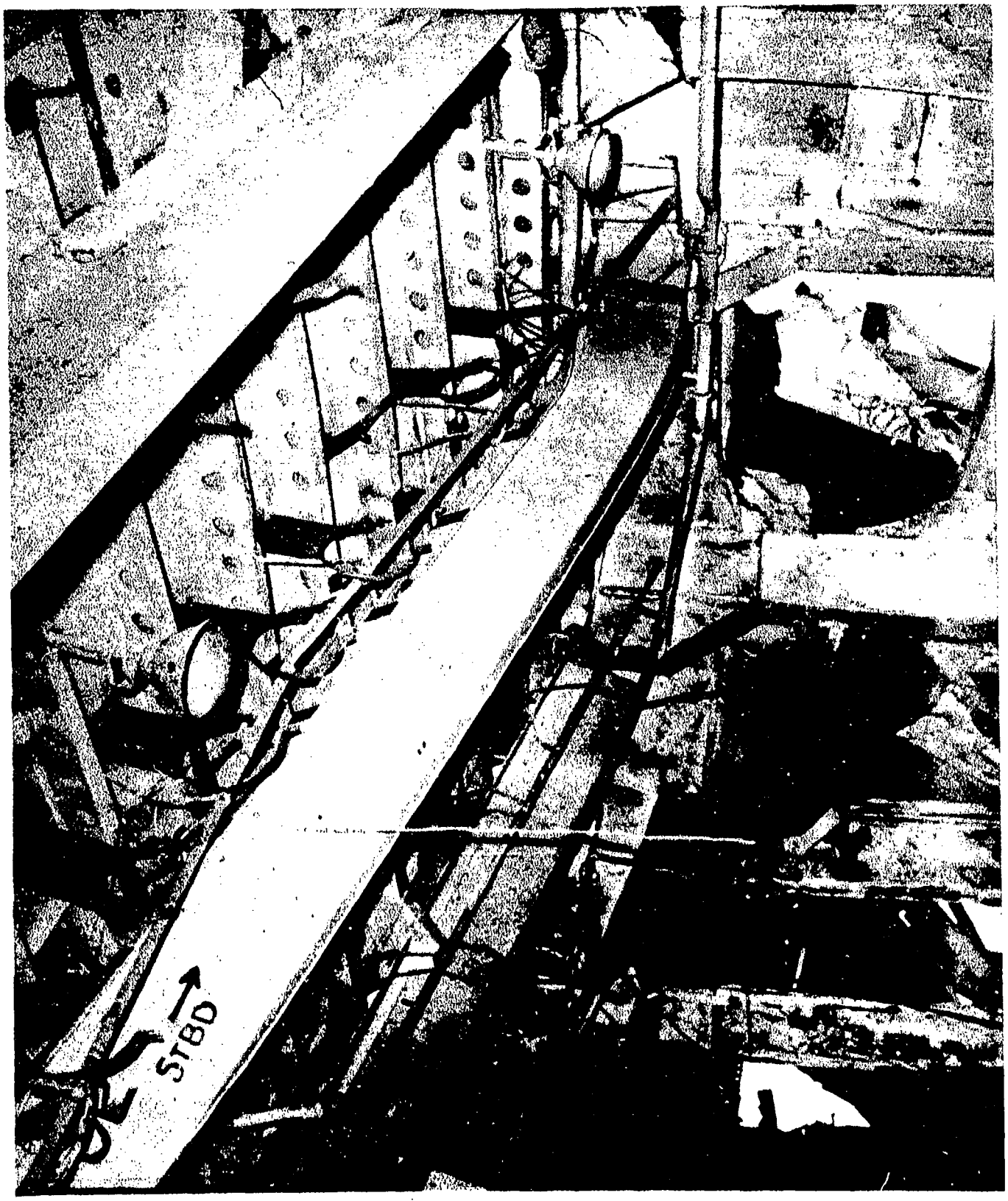
AA-CR-175-2118-10. Flight deck Bents 92 and 95, showing deformation and failure of welded butts and centerline, and welds joining girders to deck longitudinals. Looking forward.



AA-CR-59-2224-10. Underside of flight deck, looking forward at center-line joints of bent girders 92, 89, 86 and 83.



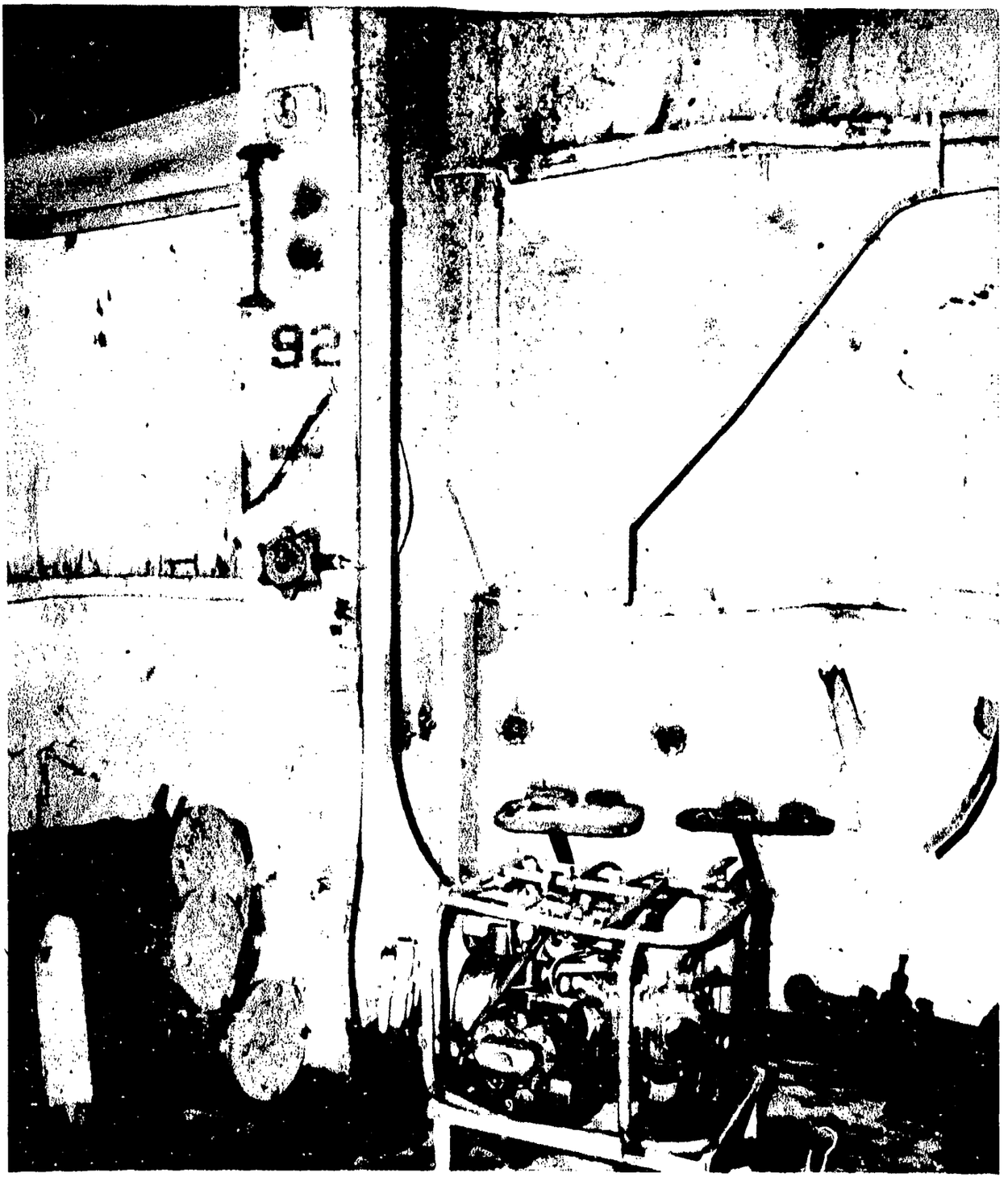
AA-CR-100-4161-6. Underside of flight deck showing separation of girder 92, looking to port.



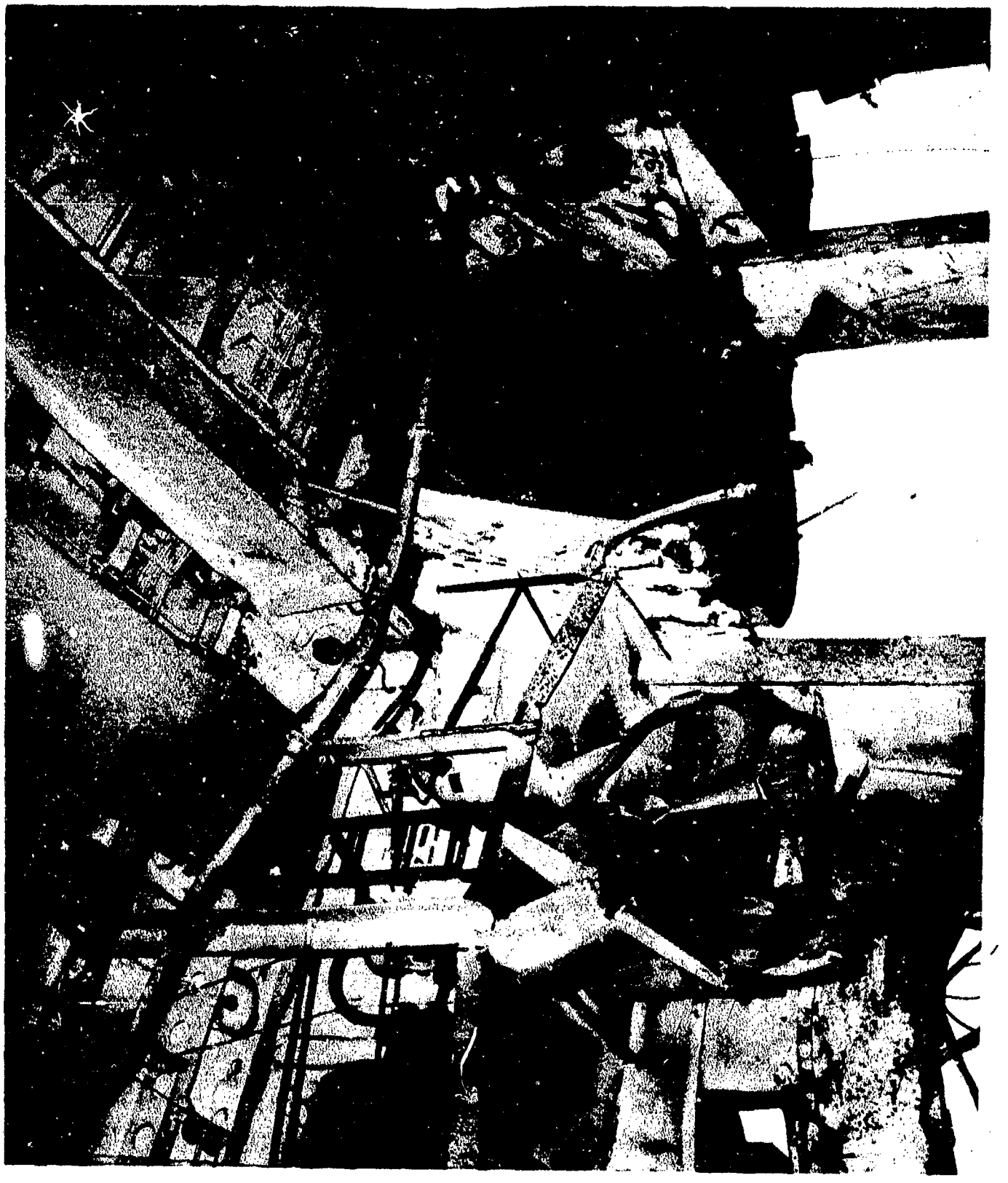
AA-CR-59-2224-12. Flight deck Bents 92 and 95, starboard side, showing deformation of transverse girders, weld failures and separations of girders and deck longitudinals. Looking forward and starboard.



AA-CR-59-4149-7. Flight deck Bent 92. Starboard upper corner, looking aft.



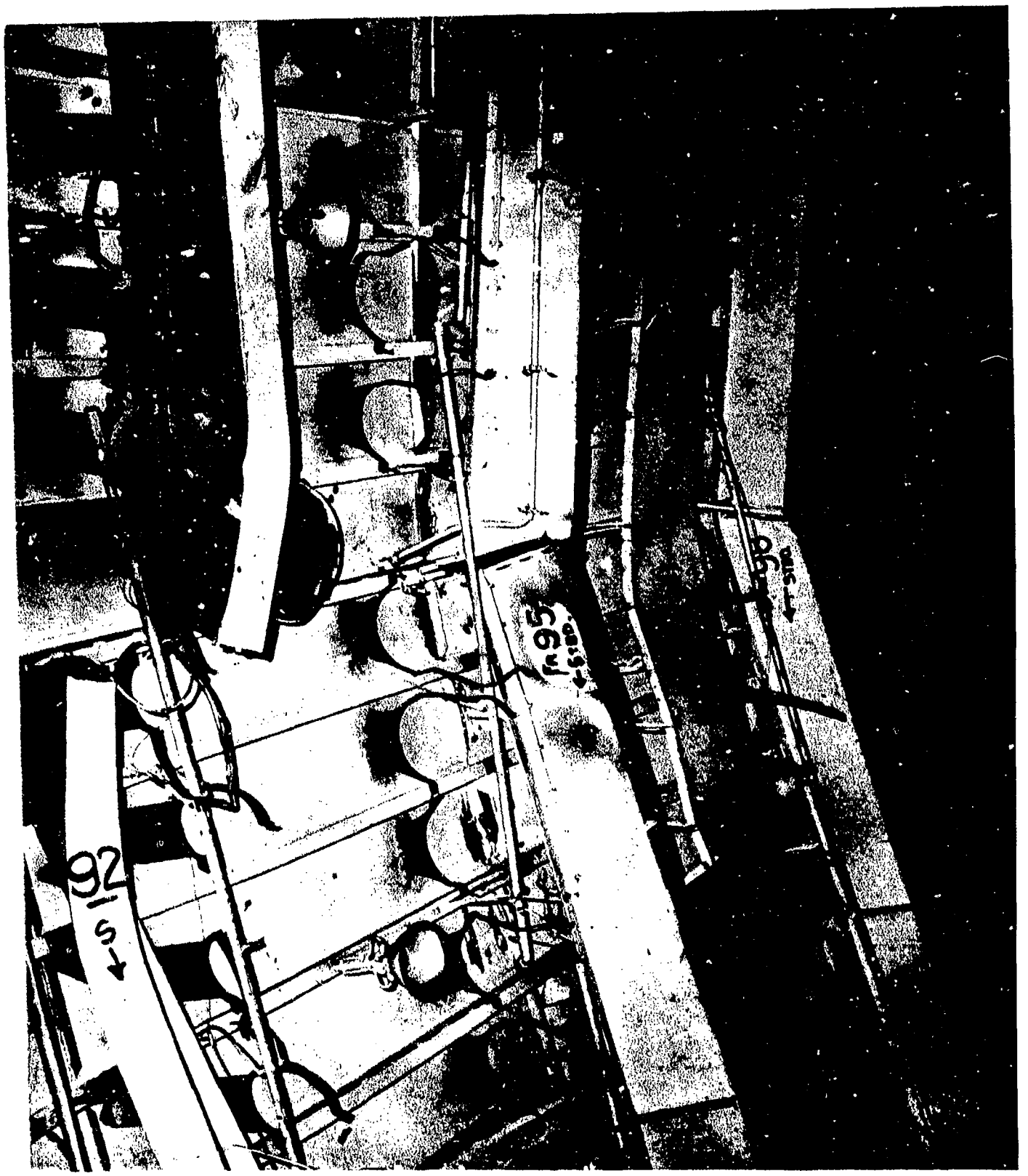
AA-CR-80-4187-8. After Baker - Flight deck Bent 92, starboard bottom, looking starboard and slightly forward.



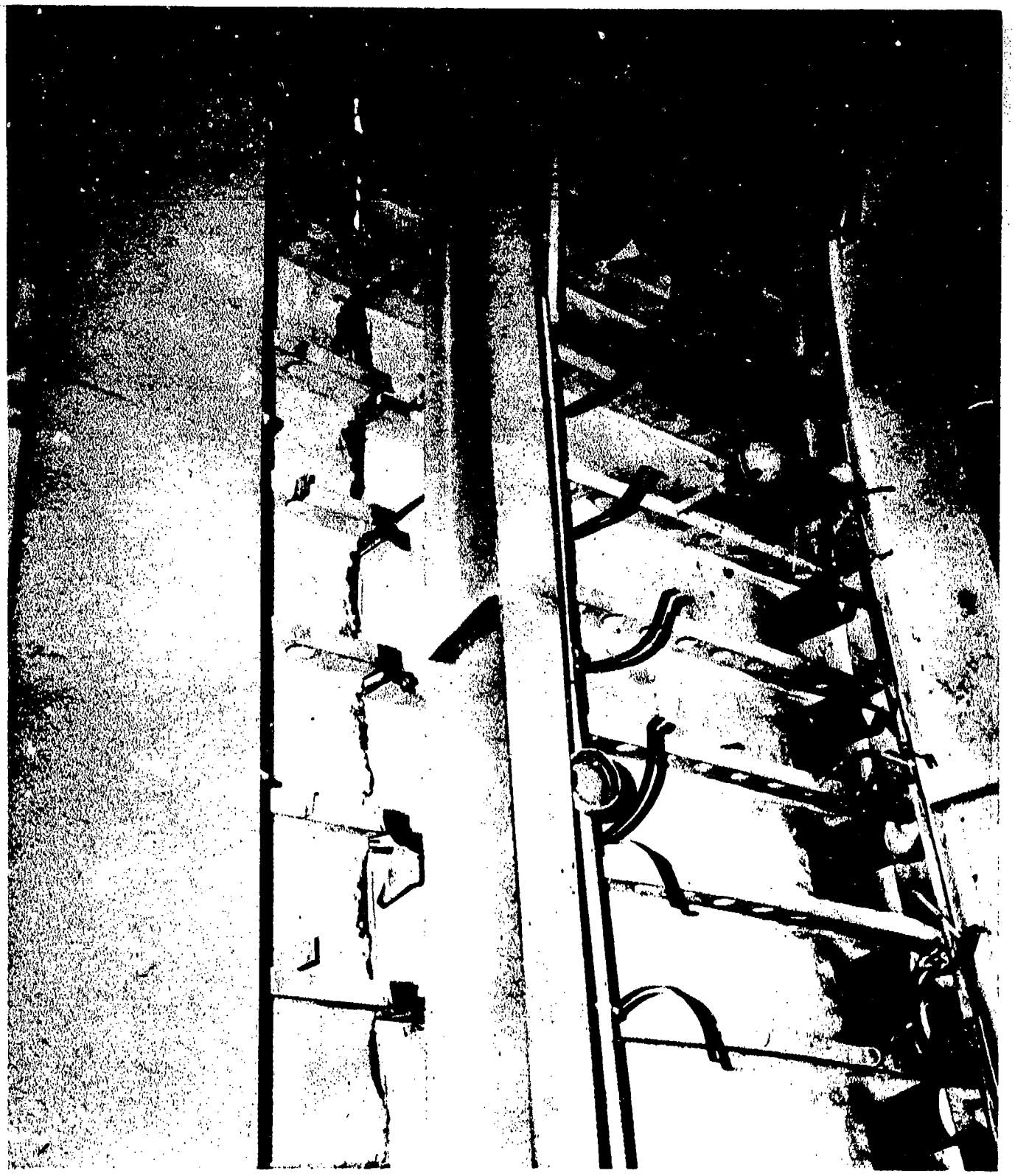
AB-CR-80-4187-10. After Baker. Flight deck Bent 95, port top, looking port and forward.



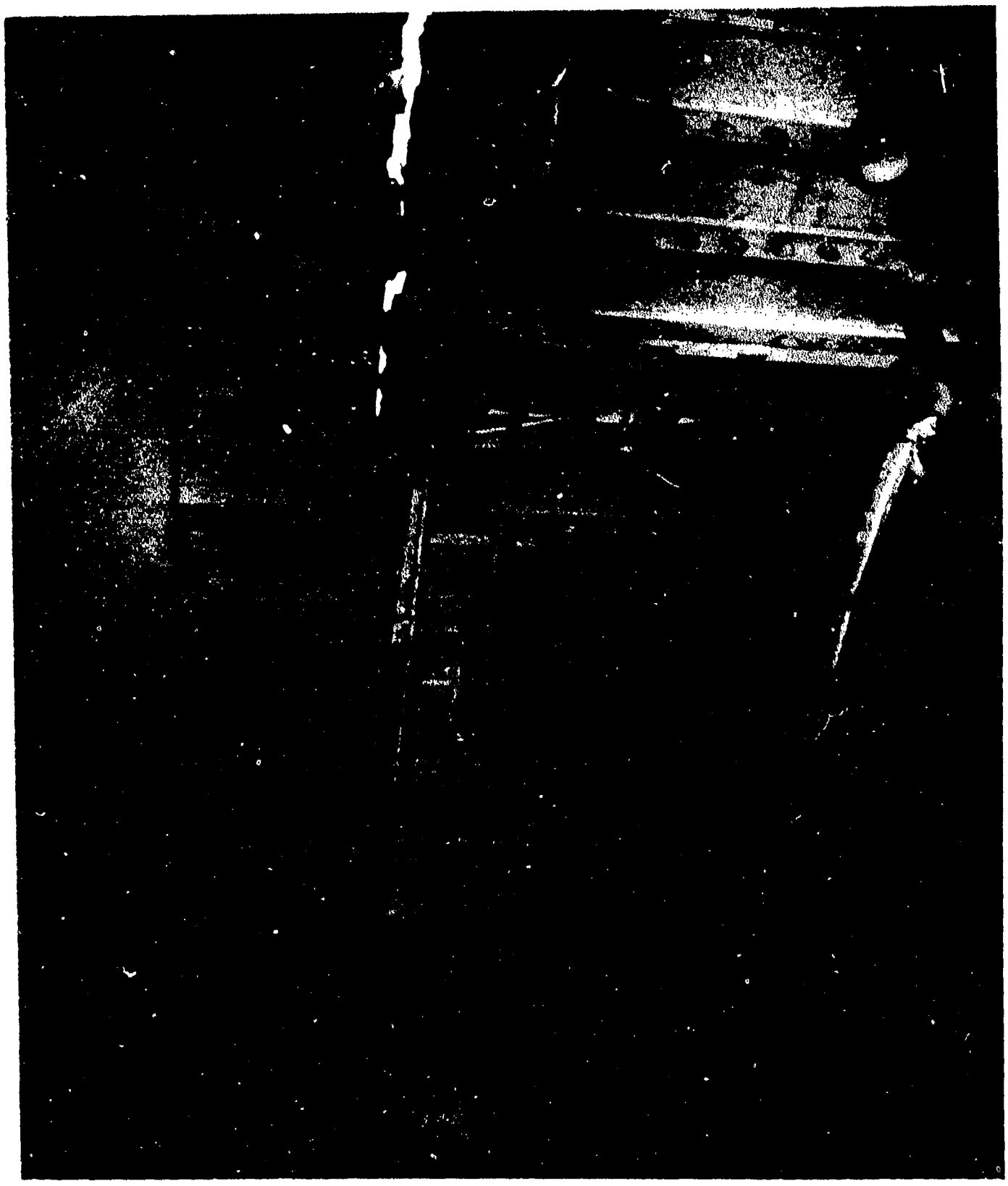
AA-CR-59-4152-9. Flight deck Bent 95, port side showing failure of overhead connection in fillet welds along upper edge of bracket. Looking forward and to port.



AA-CR-59-4152-11. Flight deck and flight deck bents 92, 95, 98, and 101, showing transverse tear in deck, deformation of transverse girders 95, 98, 101, and complete failure of welded centerline butt in girder 92, Looking aft and upward.



AA-CR-175-2132-8. Flight deck and flight deck Bents 92 and 95, showing tear in deck, distortion of Bents and failure of welded joints in transverse girders and, between girders and deck longitudinals. Looking forward and upward.



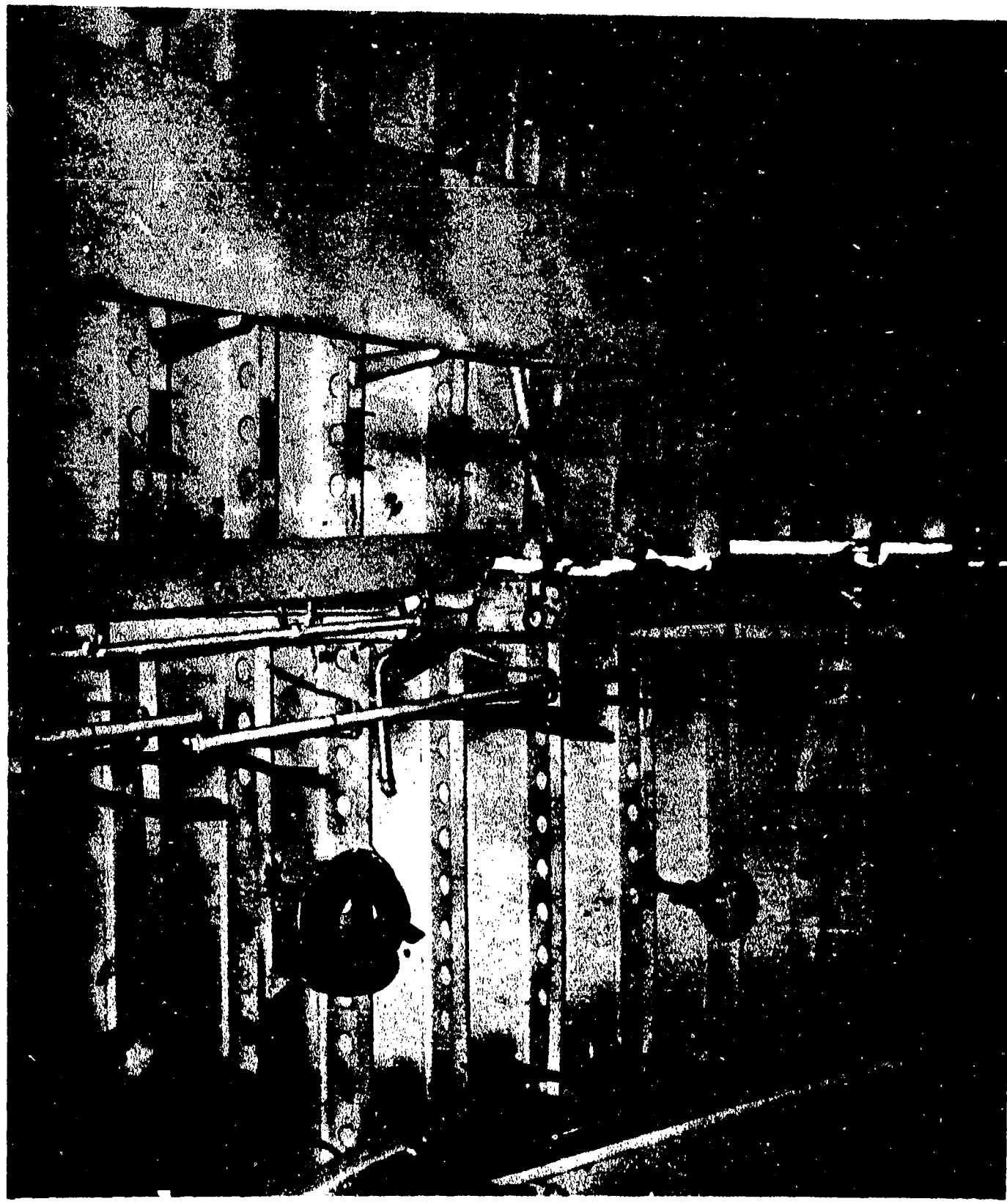
AA-CR-100-4161-7. Underside of flight deck. Bents 92 and 95, looking to port.



AA-CR-59-2225-1. Flight deck and Bent 95, showing tear in deck and failure of transverse girder at welded centerline butt. Looking to starboard.



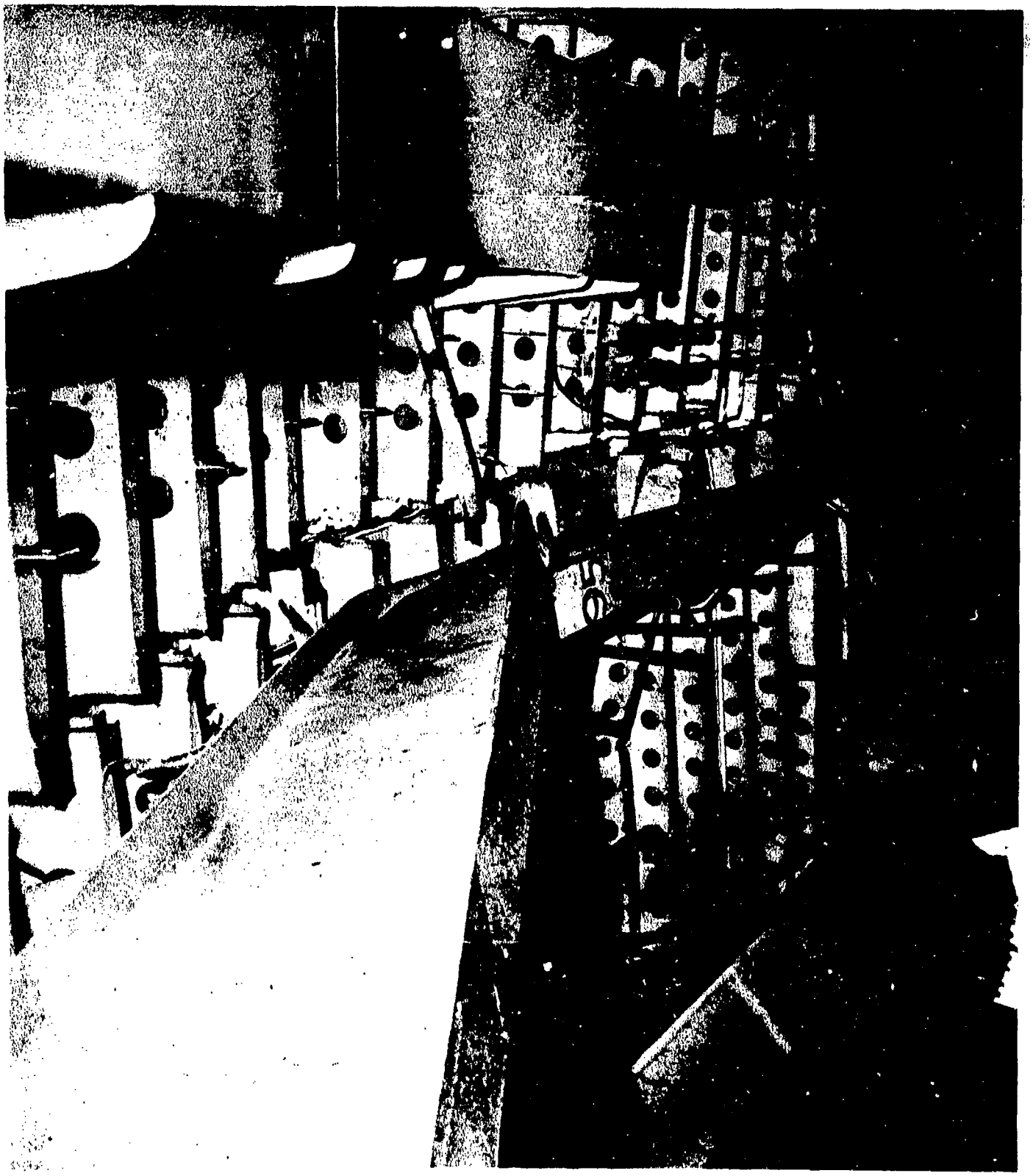
AA-CR-59-2225-2. Flight deck at Bent 95, looking to starboard, showing transverse tear in deck plating on port side of centerline.



AA-CR-59-4150-7. Flight deck and flight deck Bents 92 and 95, showing tear in deck and failure of transverse girders in welded butts at center-line. Looking to starboard.



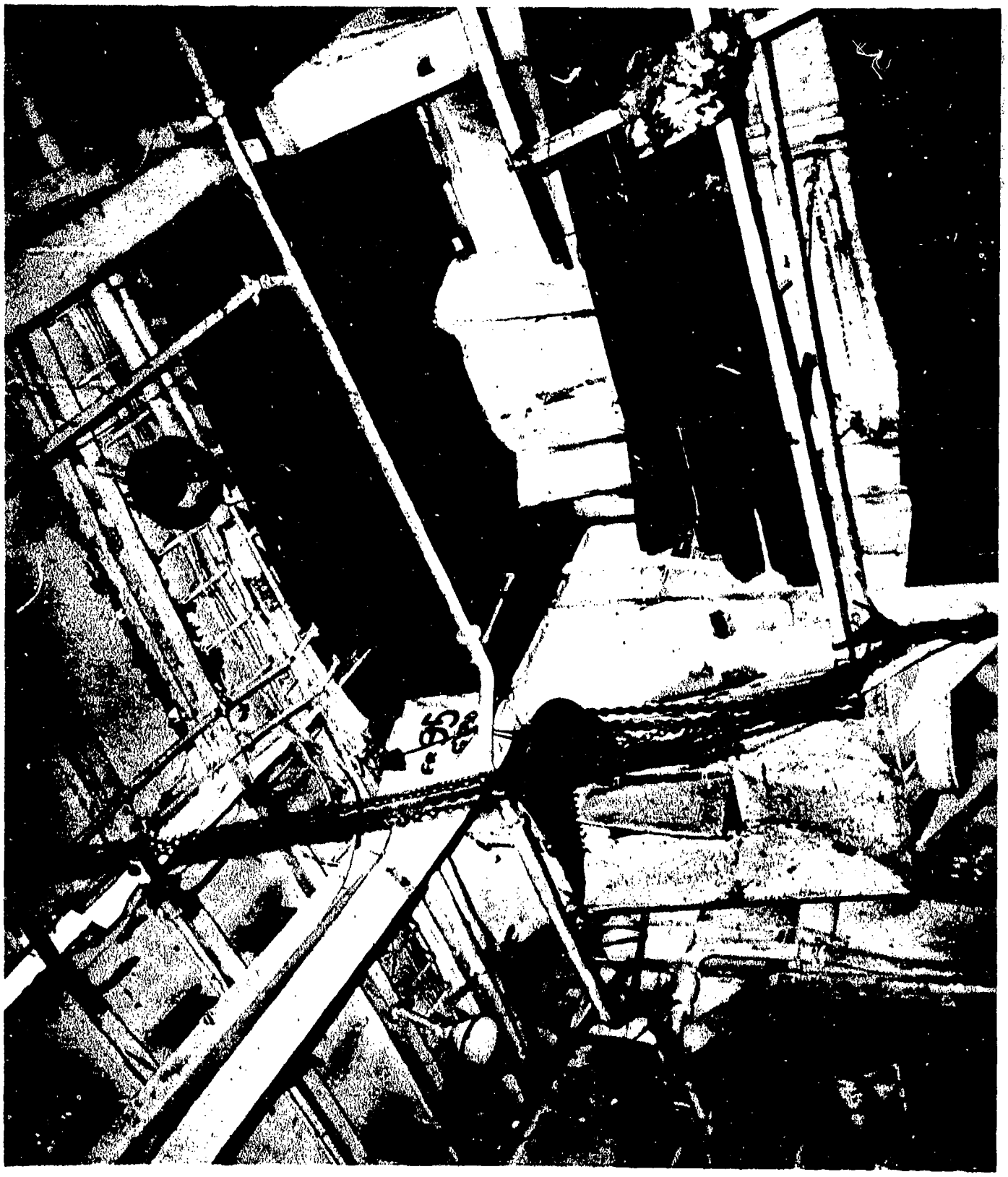
AA-CR-59-4151-3. Flight deck Bent 95, looking to port at centerline break. Note transverse tear in flight deck.



AA-CR-59-4152-10. Flight deck Bent 95, looking to starboard. Note that flight deck is torn and longitudinals are free at girder.



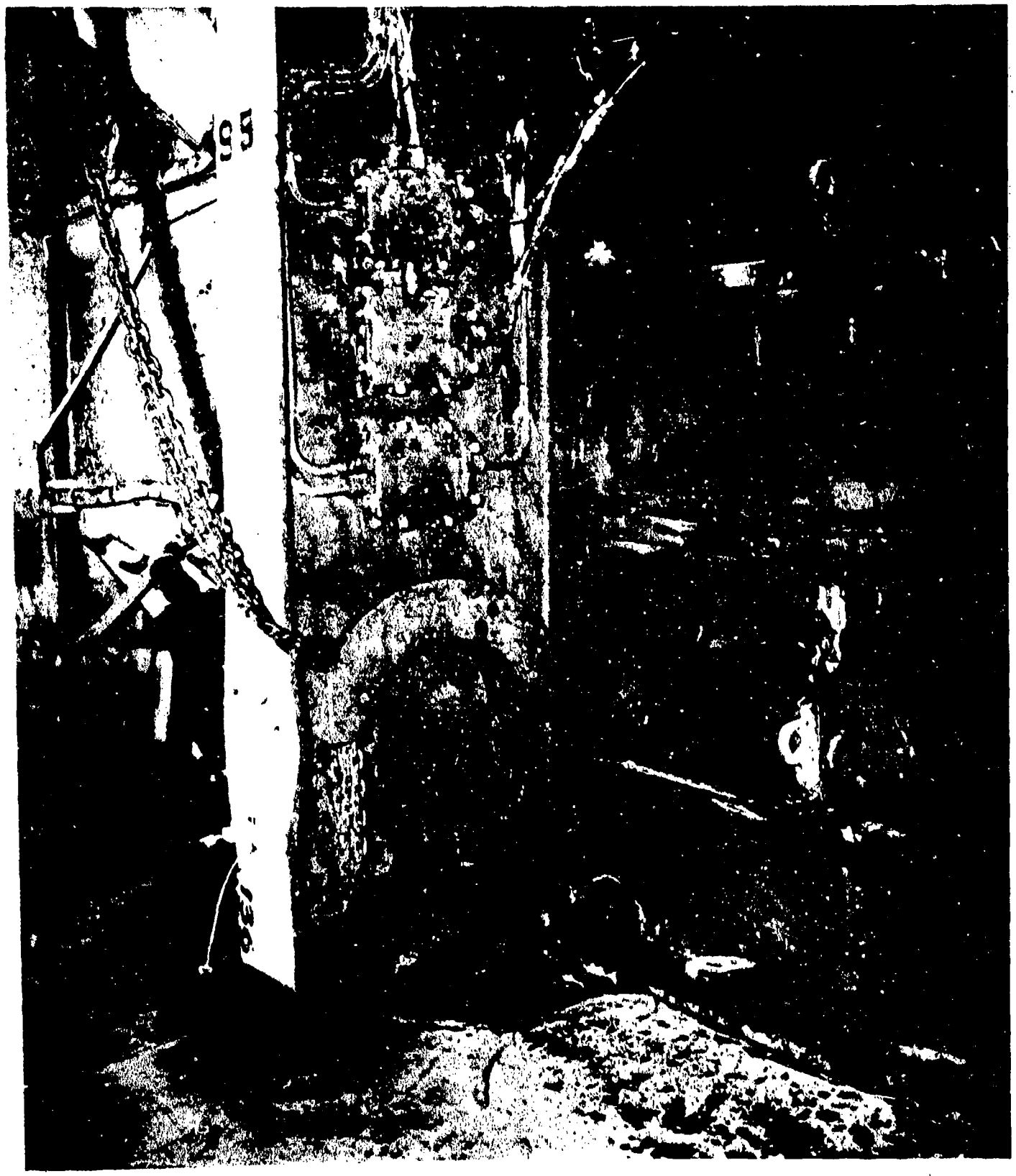
AA-CR-59-4151-1. Flight deck Bent 95, showing failure of transverse girder at welded centerline butt. Looking aft and to starboard.



AB-CR-80-170-1. After Baker. Flight deck Bent 95, starboard top, looking forward.



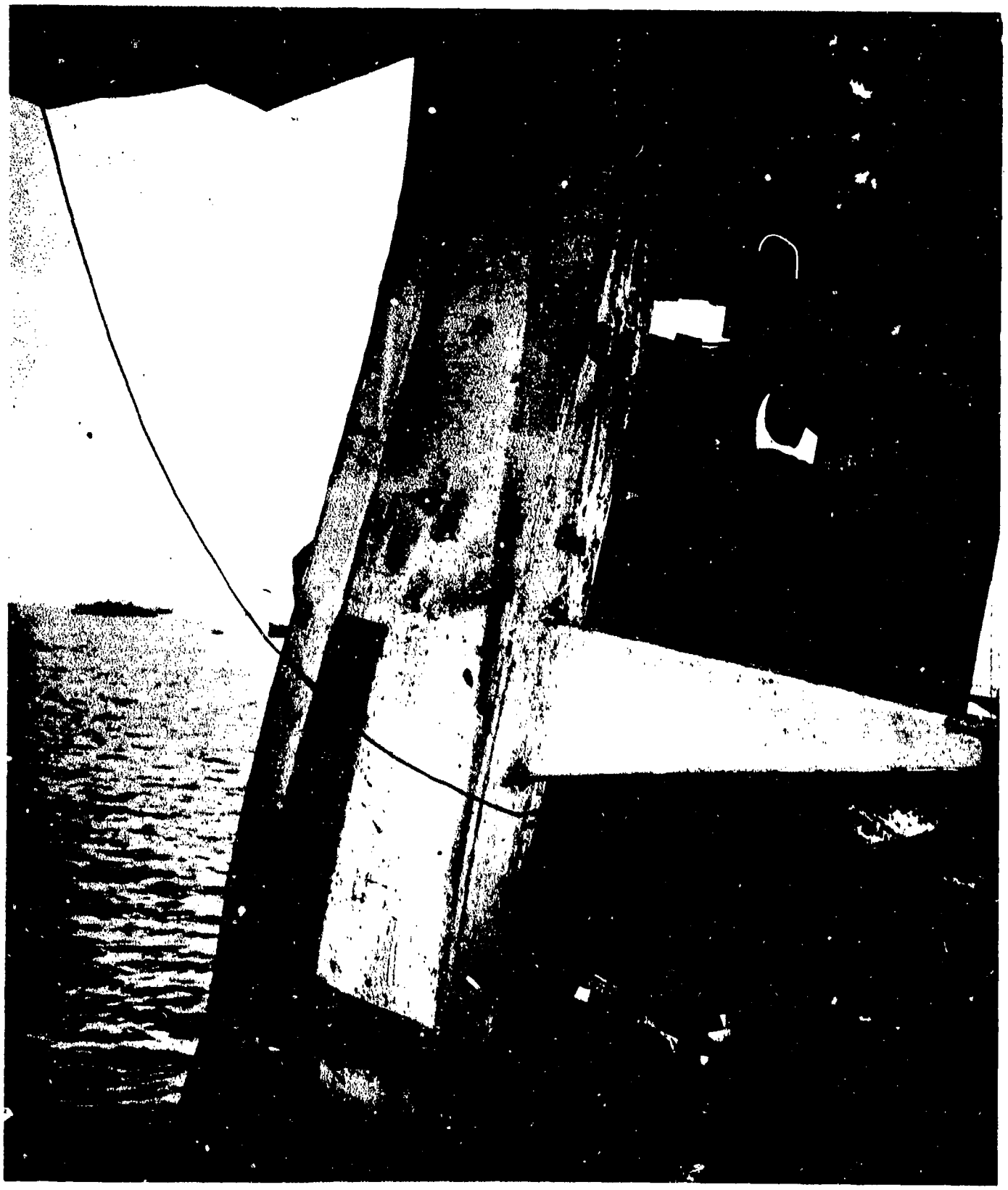
AB-CR-80-4187-11. After Baker - Flight deck Bent 95, port bottom, looking forward.



AB-CR-80-4187-12. After Baker. Flight deck Bent 95, starboard bottom, looking forward.



AA-CR-100-4161-2. Weld failure of port side connection of flight deck Bent 98 to S.T.S. shear strake. Looking inboard and to starboard.



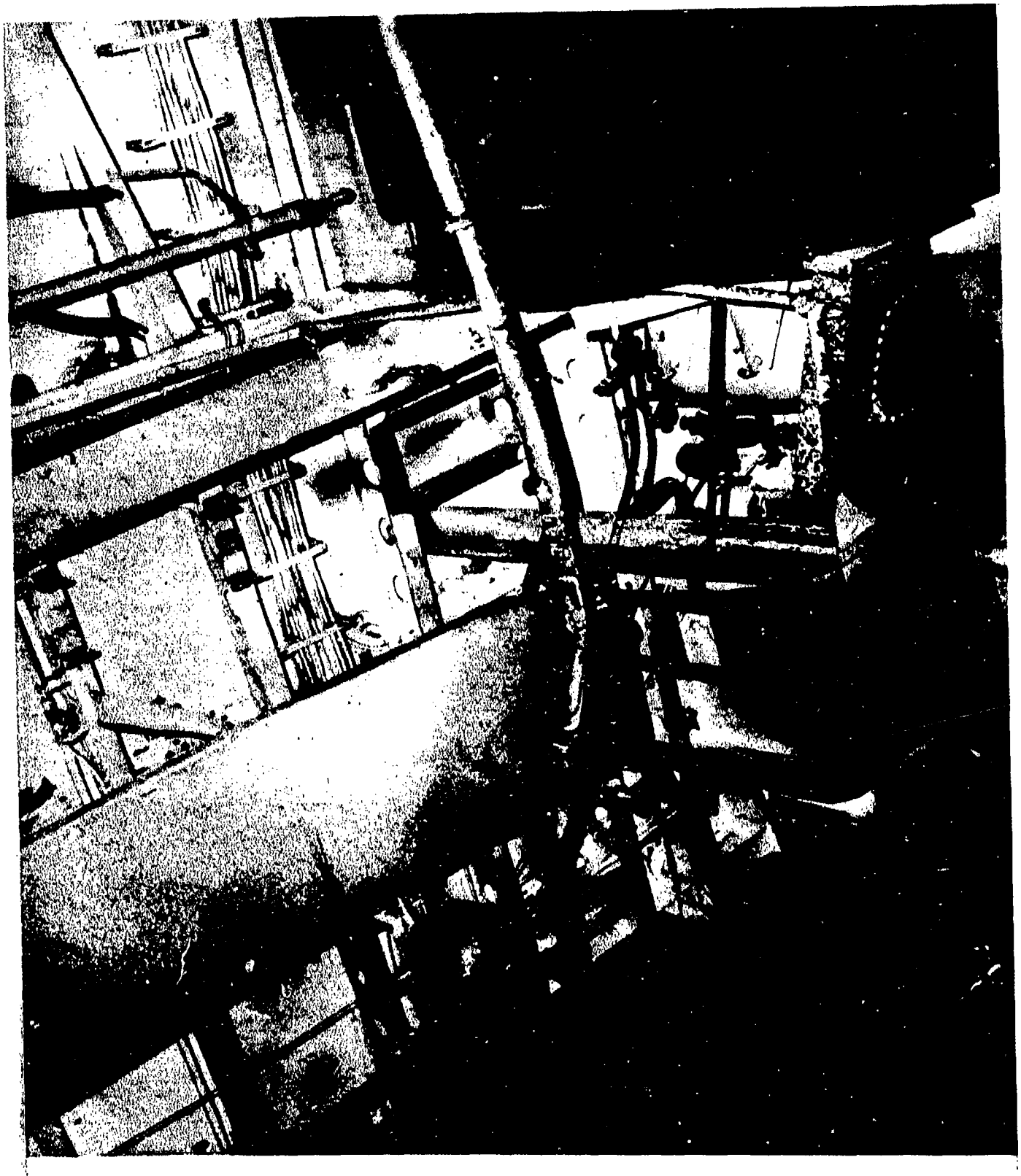
AA-CR-80-170-2. After Baker. Flight deck Bent 98, port bottom, looking forward.



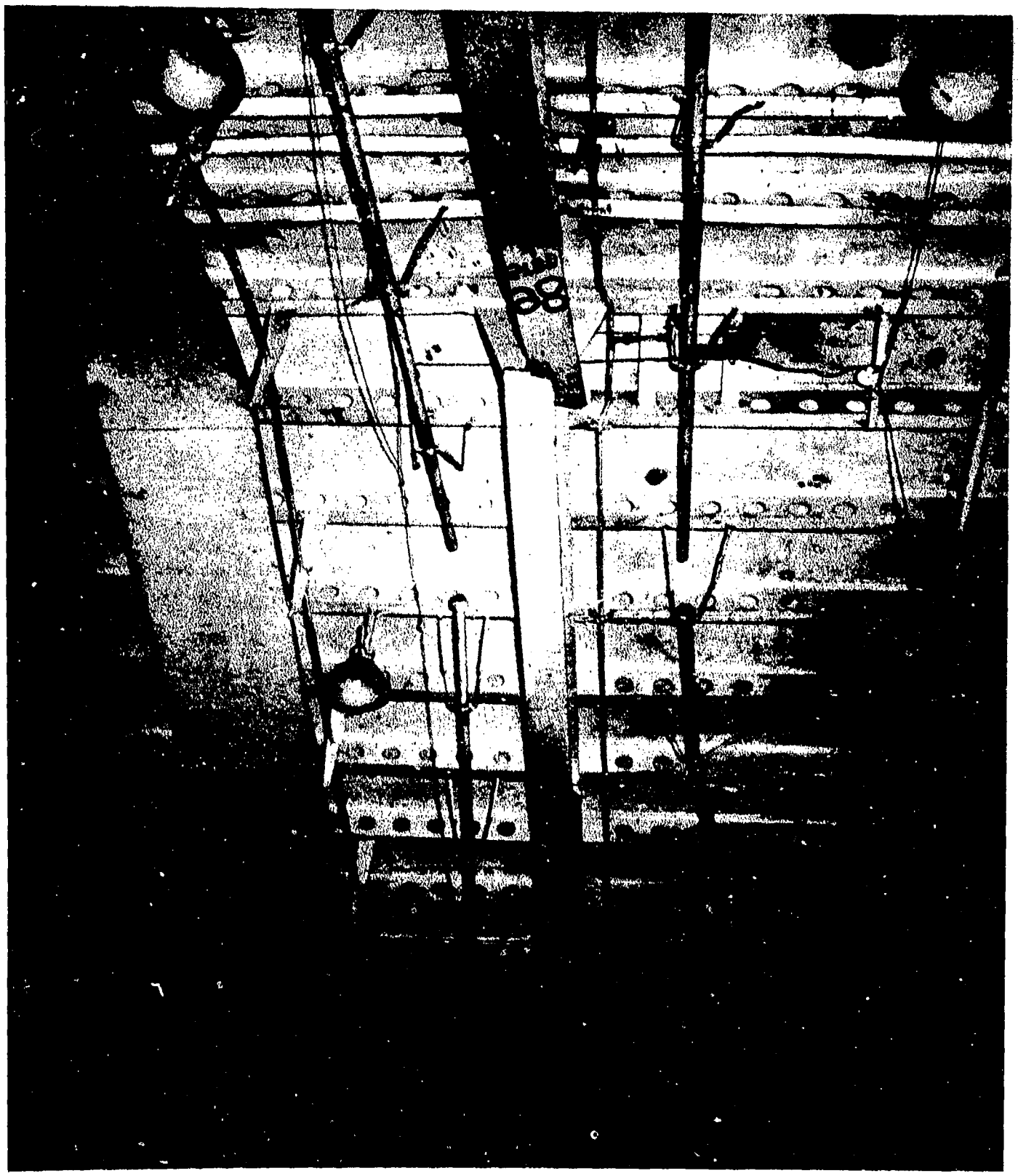
AA-CR-100-165-8. Flight deck Bent 98, port side, showing failure of overhead connection in fillet weld along upper edge of bracket. Looking forward.



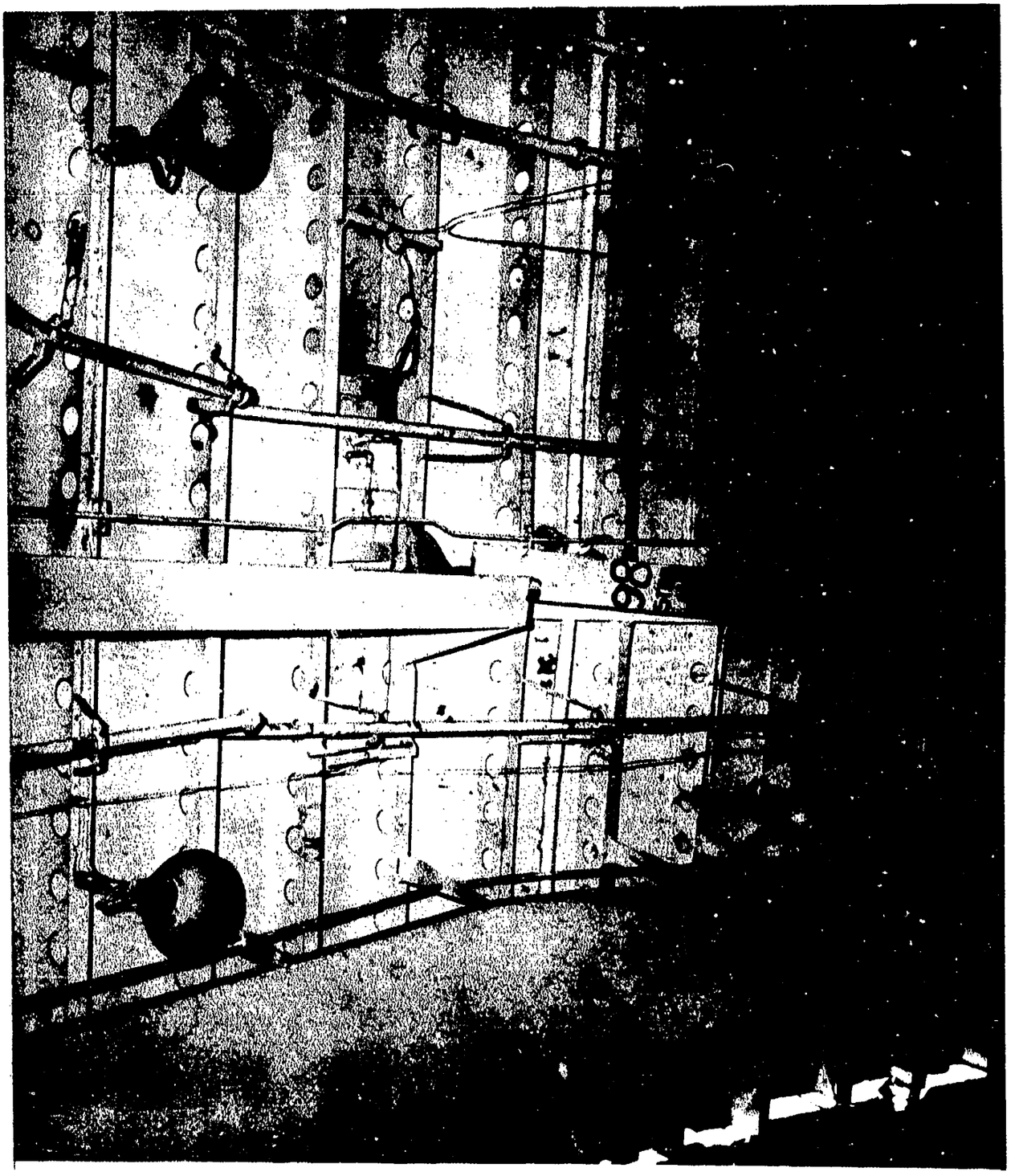
AA-CR-59-4152-8. Flight deck Bent 98, port side, showing failure of overhead connection in fillet welds along upper edge of bracket. Looking aft.



AA-CR-65-958-8. Underside of flight deck, control station, port side, bents 95-98.



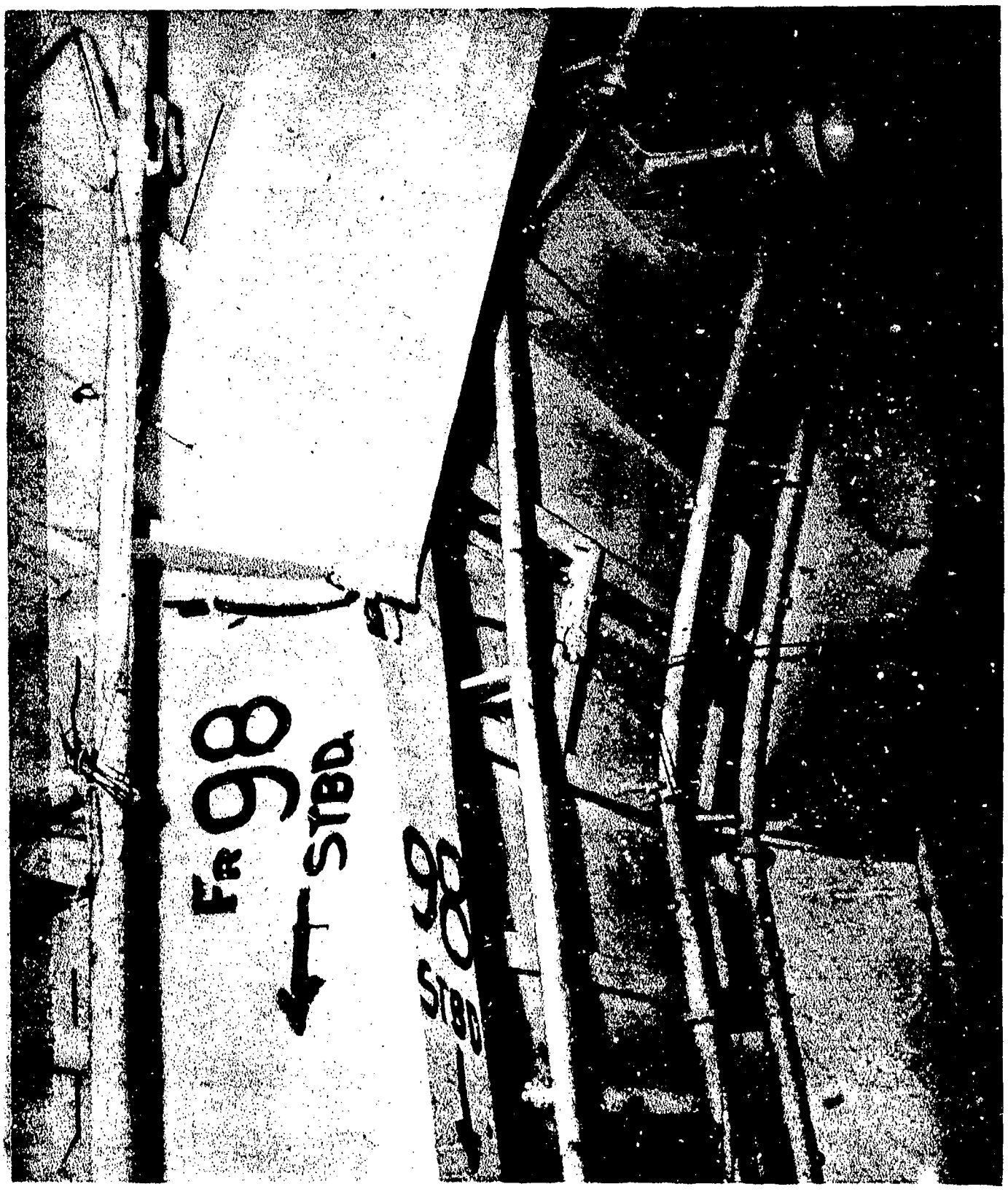
AA-CR-100-4161-8. Flight deck and Bent 98, showing tear in deck plating aft of frame 95, and failure of transverse girder at centerline butt weld. Looking to port.



AA-CR-59-4150-8. Flight deck bent 98, looking to starboard.



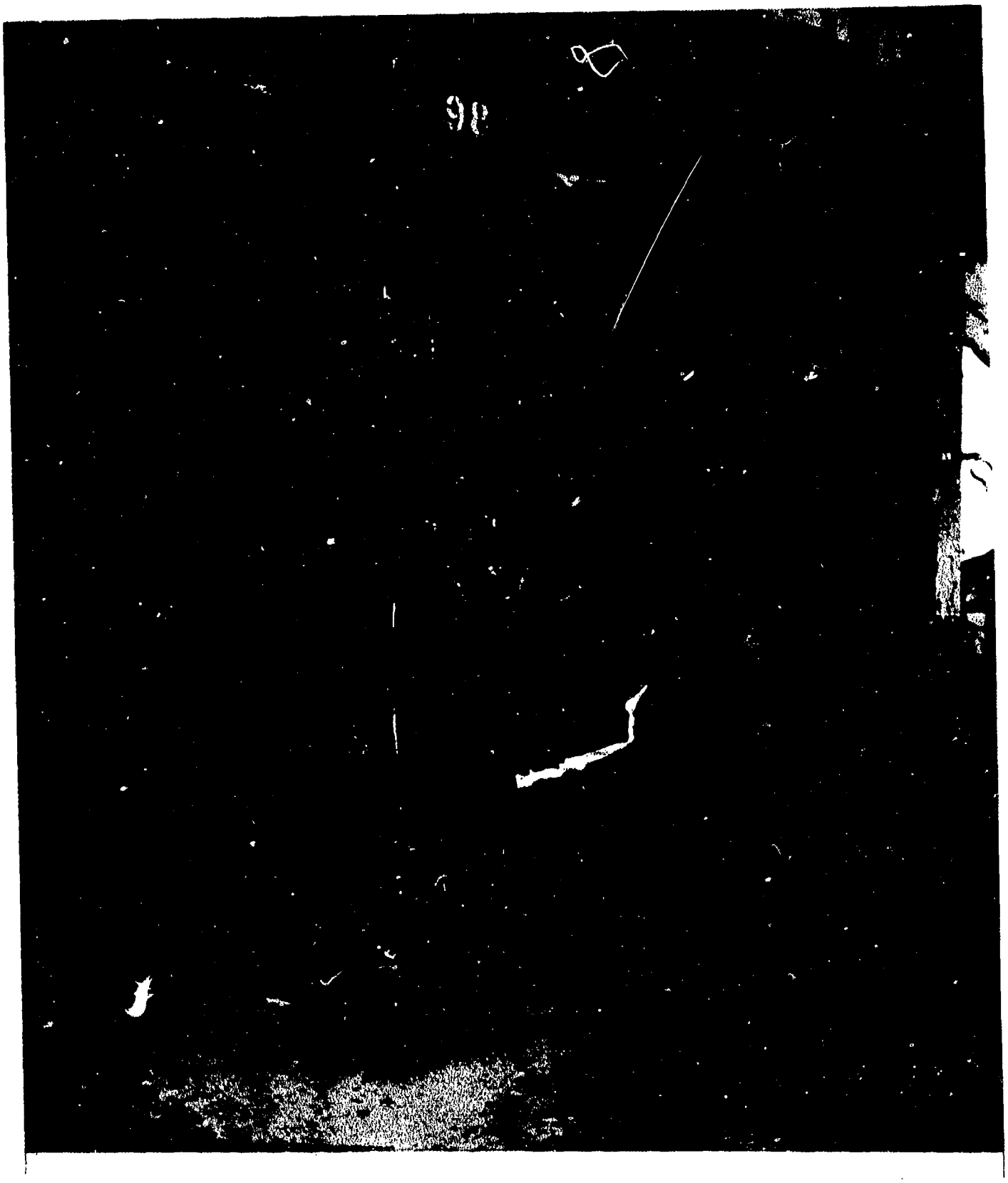
AA-CR-100-4151-4. Flight deck Bent 98, showing failure of centerline butt at weld. Looking aft and to port.



AA-CR-59-4151-2. Flight deck Bent 98, showing failure of Bent at centerline butt weld. Looking aft.



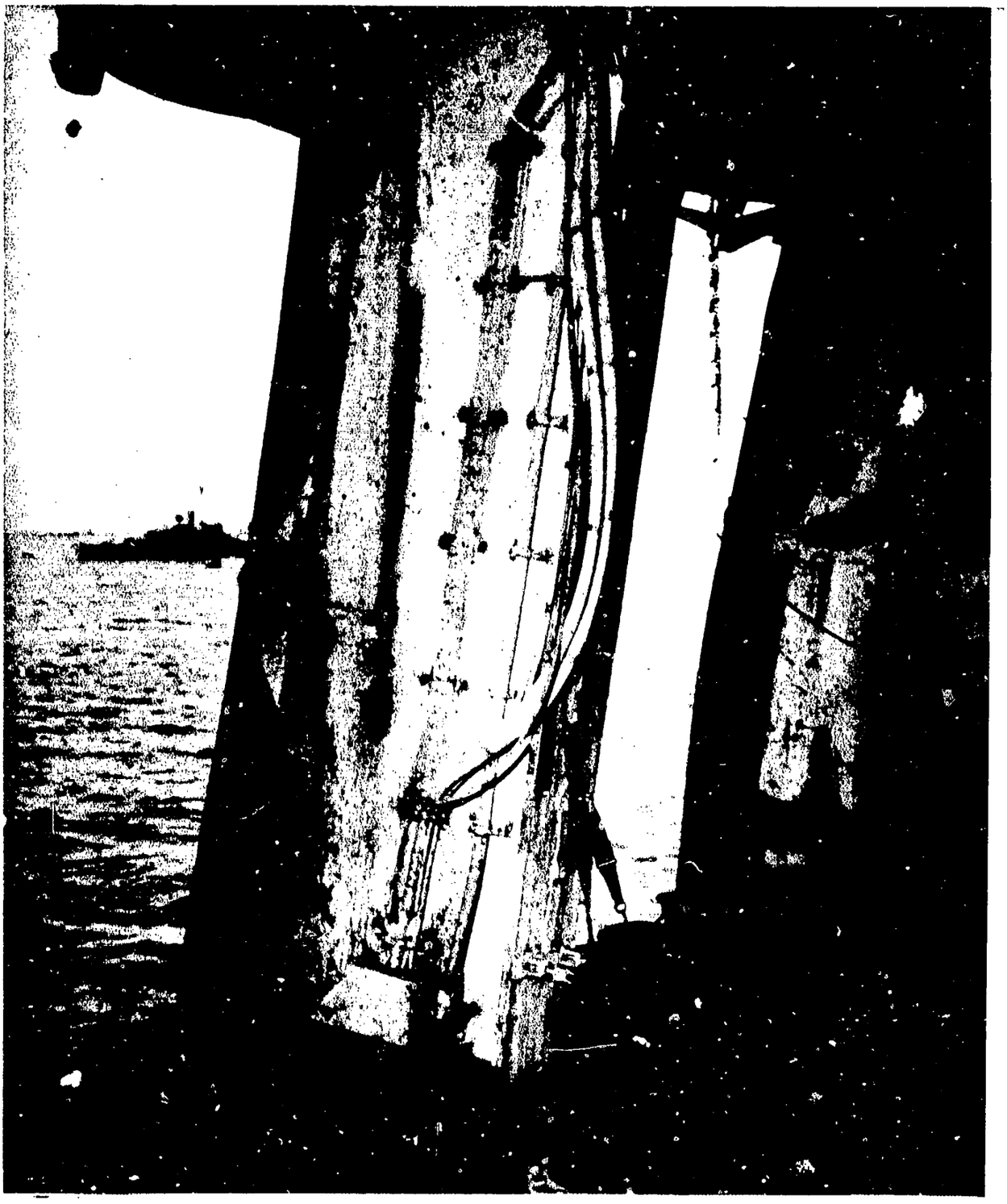
AA-CR-59-4149-9. Flight deck Bent 98, showing failure of overhead connection and origin of failure at edge of weld at top of bracket. Looking aft.



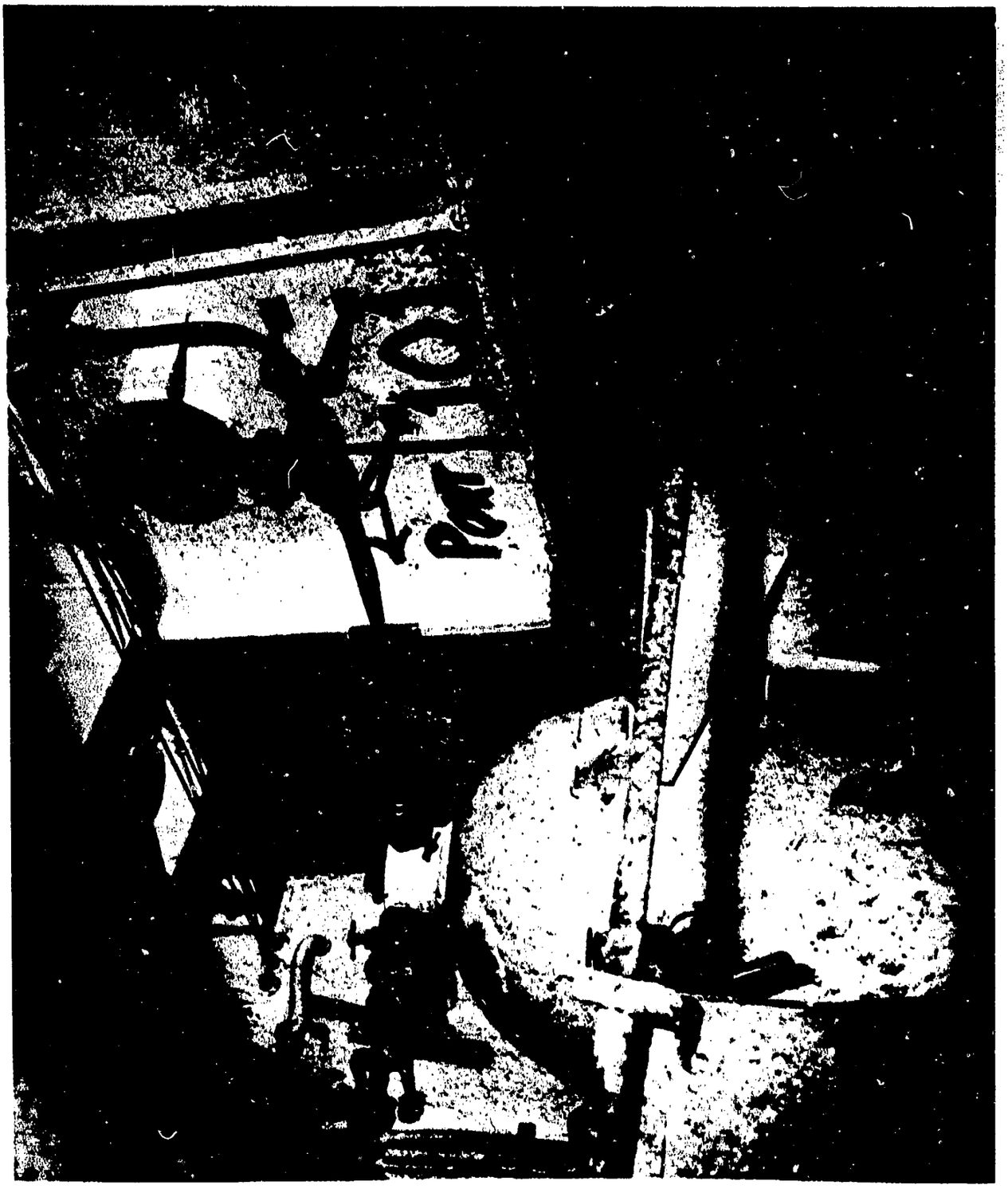
AA-CR-80-170-3. After Baker. Flight deck Bent 98, starboard bottom, looking forward.



AA-CR-175-2118-9. Underside of flight deck, looking forward along centerline at bents 101, 98 and 95.



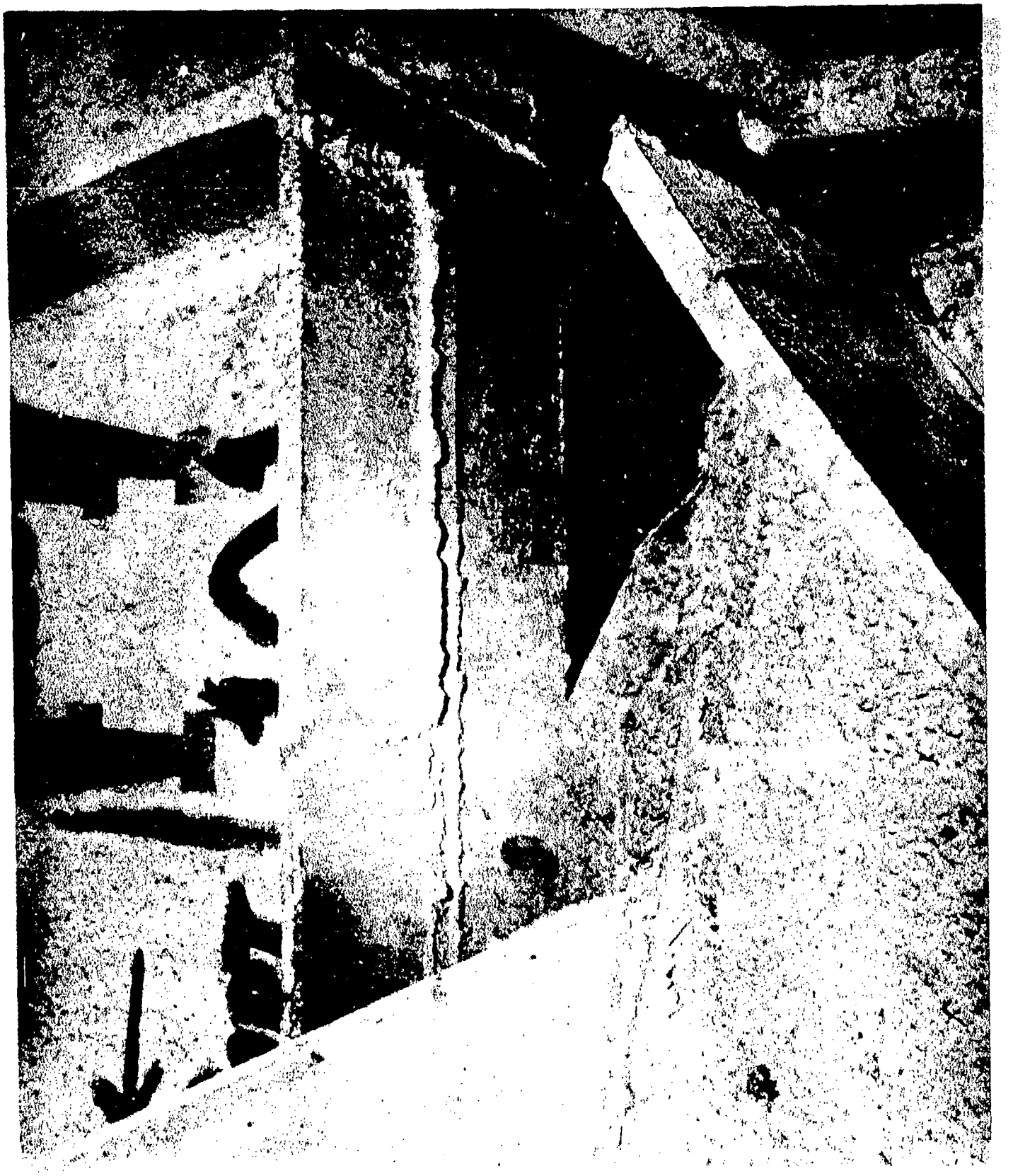
AB-CR-80-170-4. After Baker. Flight deck Bent 101, port bottom, looking forward.



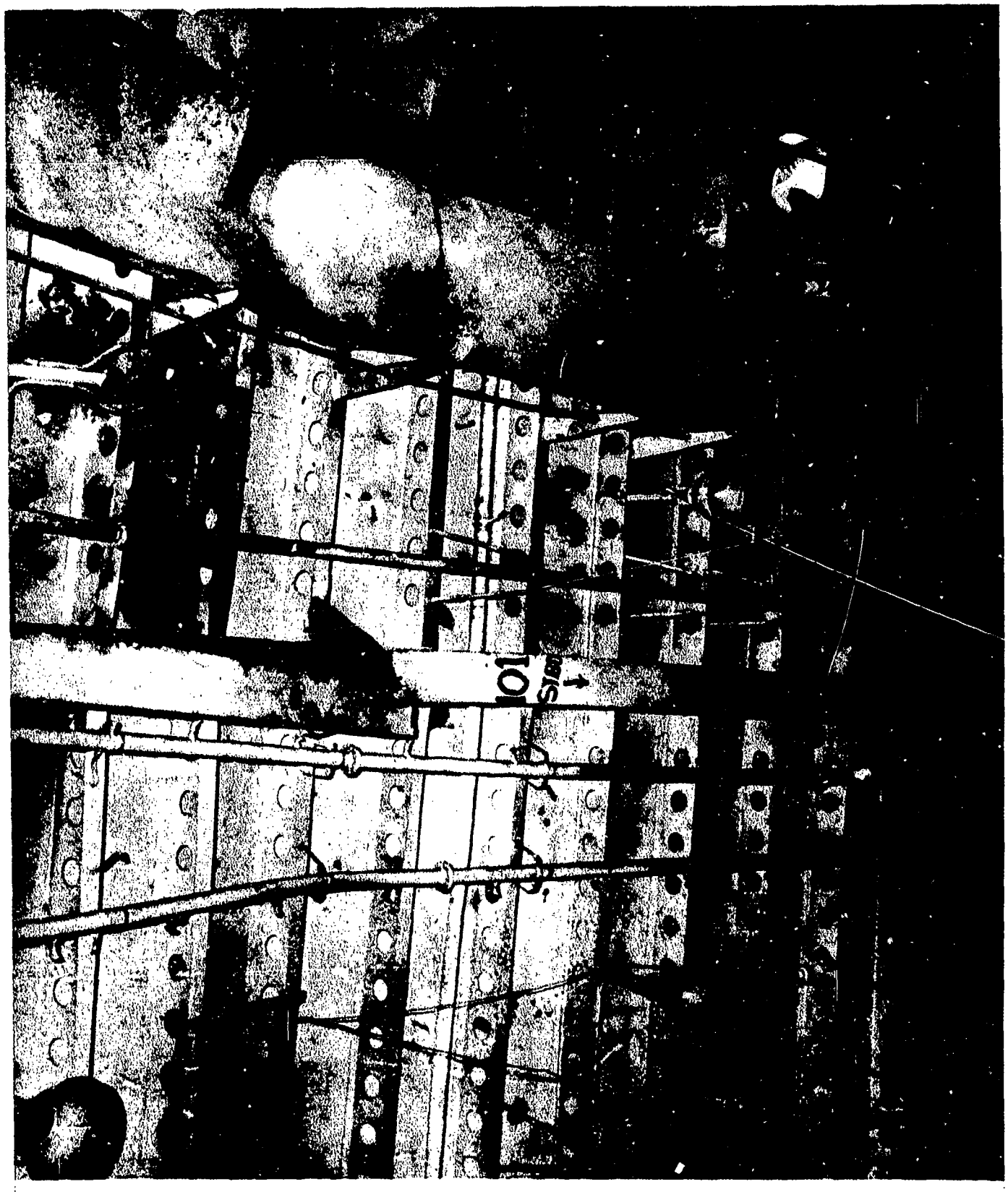
AA-CR-58-4152-6. Flight deck Bent 101, port side, failure of overhead connection in weld along upper edge of bracket. Looking forward.



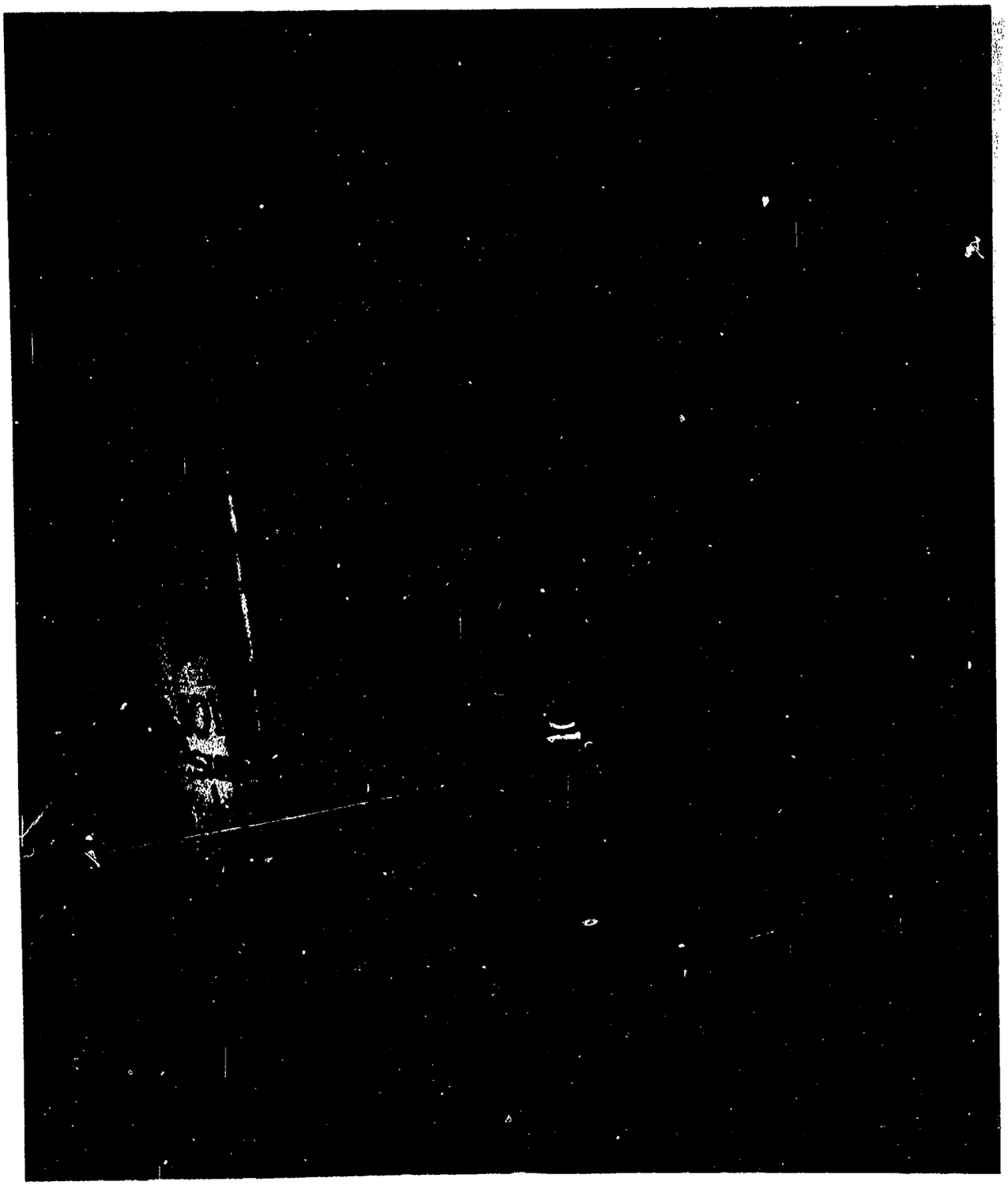
AA-CR-59-4152-7. Flight deck Bent 101, port side, showing failure of overhead connection along weld at upper edge of bracket. Looking forward.



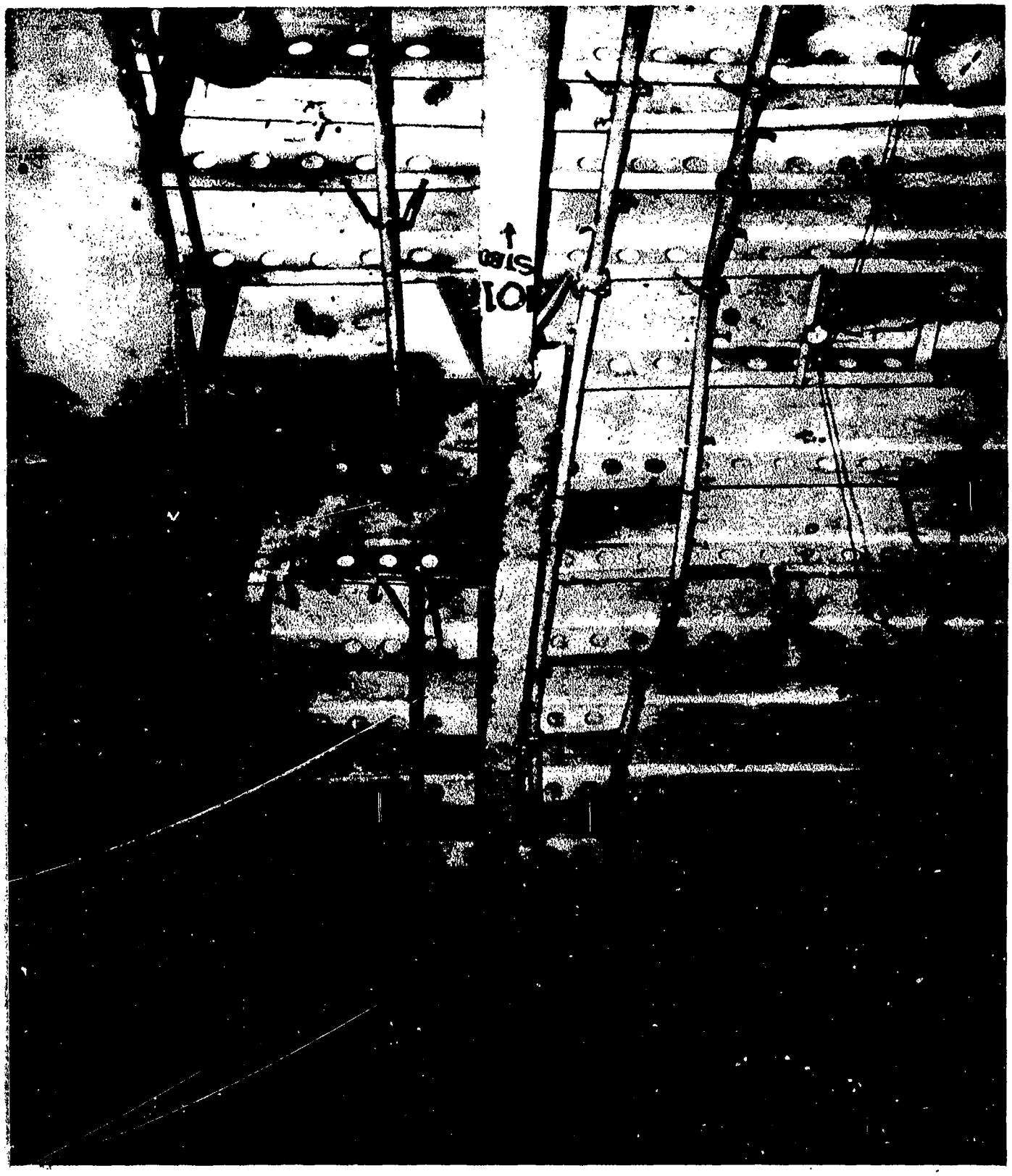
AA-CR-100-165-5. Flight deck Bent 101, port side, showing failure of overhead connection along weld at upper edge of bracket. Looking forward.



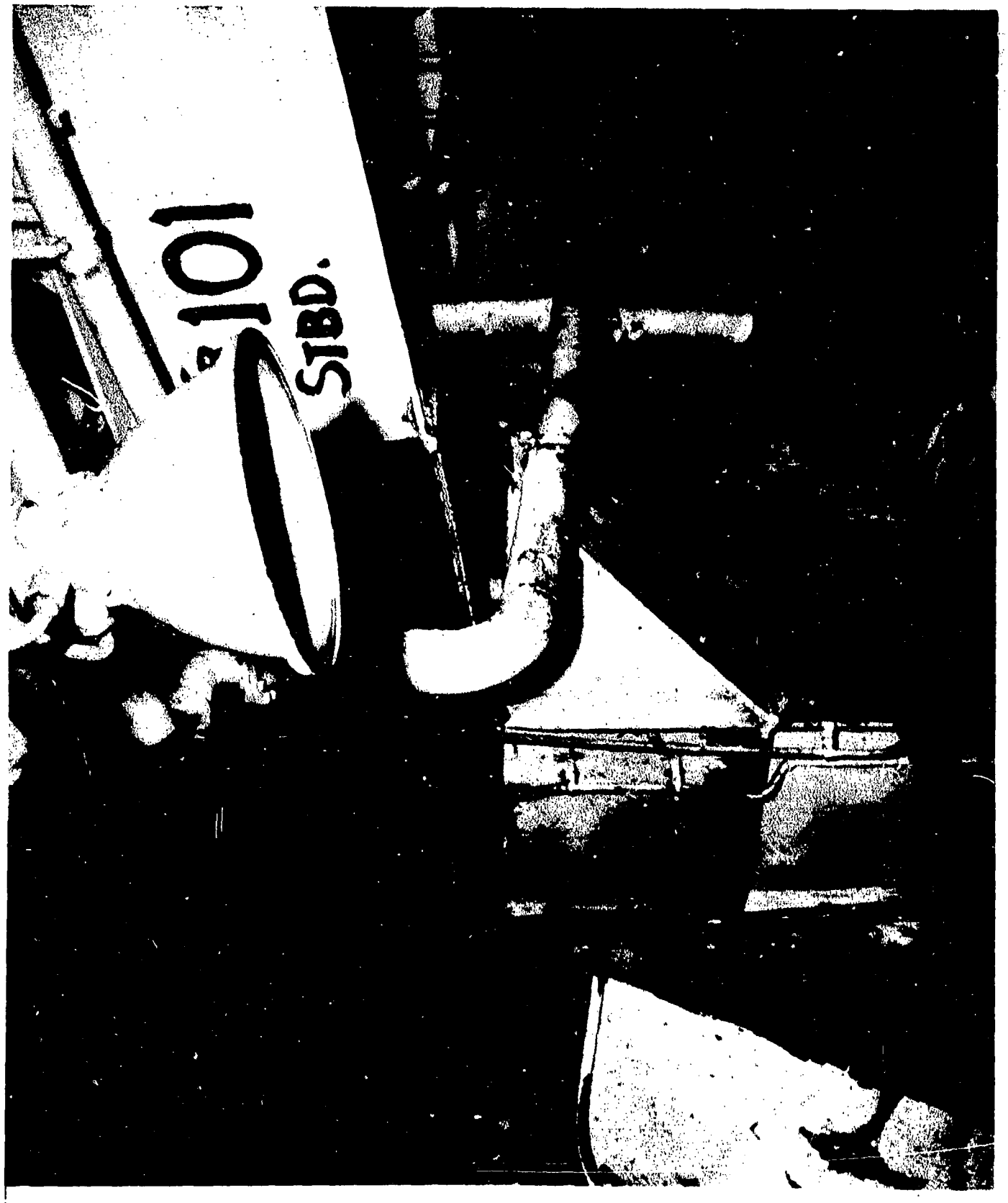
AA-CR-59-4151-5. Flight deck girder 101, looking up and to starboard.



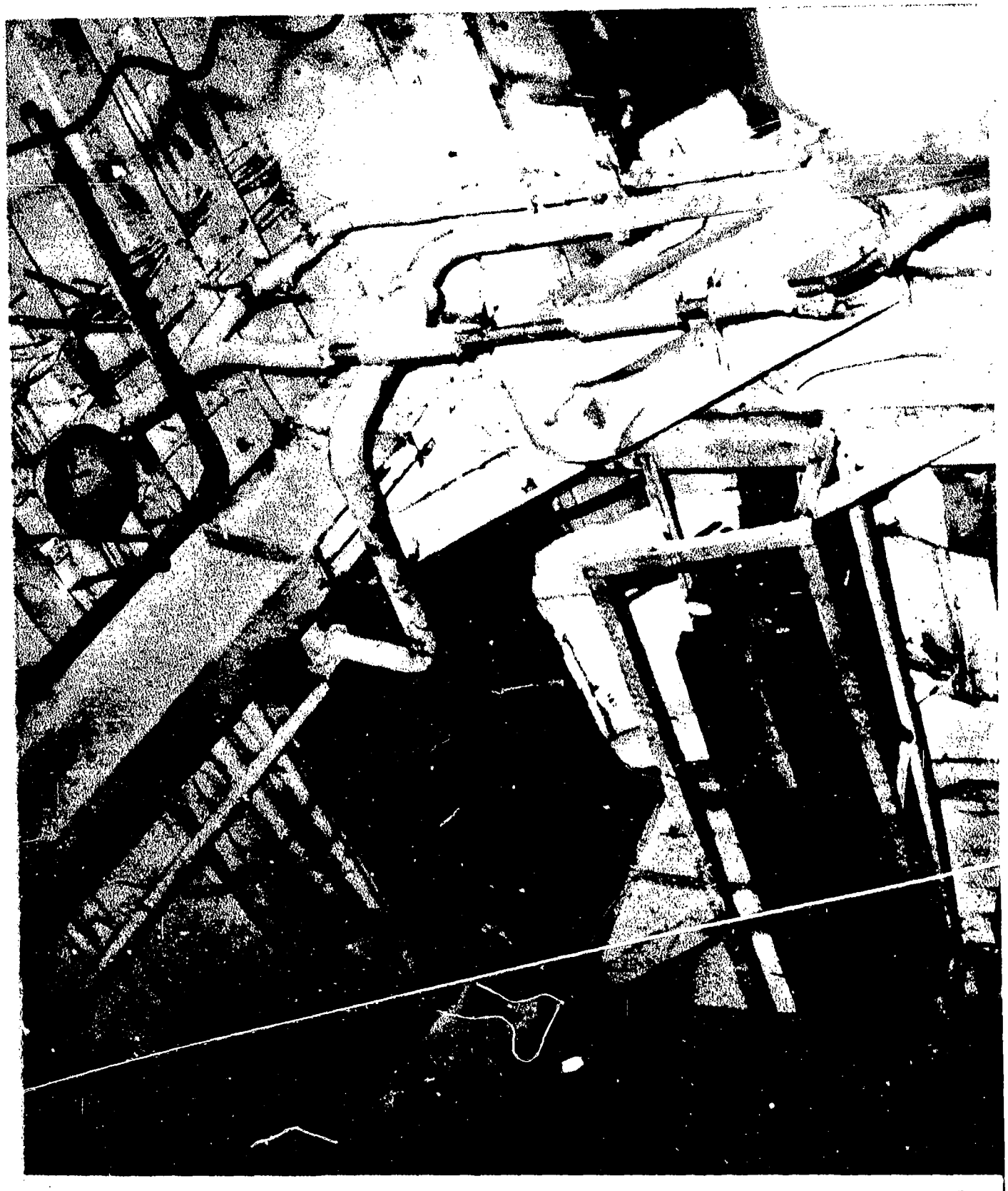
AA-CR-59-4152-12. Flight deck Bents. Deformation of bents 101, 104 and 107, and failure of 101 and 104 at centerline butt welds. Looking aft.



AA-CR-100-4161-9. Flight deck Bent 101, showing failure at centerline butt weld. Looking to port.



AA-CR-59-4149-10. Flight deck Bent 101, starboard side, showing failure of overhead connection in weld along upper edge of bracket. Looking aft.



AA-CR-59-2113-4. Flight deck Bent 101, starboard side, showing failure of overhead connection along weld at upper edge of bracket. Looking forward.



AA-CR-80-170-5. After Baker. Flight deck Bent 101, starboard bottom, - looking forward.

Classification ([redacted]d) (Changed to CONFIDENTIAL)
By Authority of Joint Chiefs of Staff (Action 15 Apr 49)
By John Boggeln Capt Date 24 Aug 51
AFSAP

[redacted] DATA
[redacted] 1948

CONFIDENTIAL

Defense Special Weapons Agency
6801 Telegraph Road
Alexandria, Virginia 22310-3398

TRC

10 April 1997

MEMORANDUM FOR DEFENSE TECHNICAL INFORMATION CENTER
ATTENTION: OMI/Mr. William Bush

SUBJECT: Declassification of Reports

The Defense Special Weapons Agency (formerly Defense Nuclear Agency) Security Office has reviewed and declassified the following reports:

AD-366718	XRD-32-Volume 3
AD-366726	XRD-12-Volume 2
AD-366703	XRD-16-Volume 1
AD-366702	XRD-14-Volume 2
AD-376819L	XRD-17-Volume 2
AD-366704	XRD-18
AD-367451	XRD-19-Volume 1
AD-366705	XRD-20-Volume 2
AD-376028L	XRD-4
AD-366694	XRD-1
AD-473912	XRD-193
AD-473891	XRD-171
AD-473899	XRD-163
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AD-473889	XRD-168

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AD-366712	XRD-25 Volume 1
AD-376827L	XRD-75
AD-366756	XRD-73
AD-366757	XRD-74
AD-366755	XRD-72
AD-366754	XRD-71
AD-366710	XRD-23 Volume 1
AD-366711	XRD-24 Volume 2
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